CHEMICAL NAME: Urethane Acrylate Blend

PRODUCT NAME: Eco Soak Off Gel- Toupie Italian

PRODUCT USE: Organic Process Chemical

MANUFACTURER: Star Nail International, Inc.

ADDRESS: 29120 Avenue Paine
Valencia, CA 91355

24 HR. EMERGENCY TELEPHONE: CHEMTEL: 1-800-255-3924 OR 813-248-0573

PREPARATION/UPDATE DATE: 01/02/2014
PRINT DATE: 6/10/14
MSDS ID: M16-02

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SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>ITEM</th>
<th>CHEMICAL NAME</th>
<th>CAS NUMBER:</th>
<th>WT/WT %</th>
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<tbody>
<tr>
<td>01</td>
<td>Urethane Acrylate Oligomer Mixture</td>
<td>NA</td>
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<td>02</td>
<td>Isobornyl Methacrylate</td>
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<td>10.0-40.0</td>
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<tr>
<td>03</td>
<td>Mono Methacrylate</td>
<td>27813-02-1</td>
<td>0.0-10.0</td>
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<tr>
<td>04</td>
<td>Photoinitiator</td>
<td>NA</td>
<td>0.0-10.0</td>
</tr>
<tr>
<td>05</td>
<td>Pigment</td>
<td>NA</td>
<td>0.0-5.0</td>
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ACGIH

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<tr>
<th>ITEM</th>
<th>TLV-TWA</th>
<th>TLV-STEL</th>
<th>PEL TWA</th>
<th>PEL CEILING</th>
<th>Company Recommendation</th>
<th>SKIN</th>
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OSHA

Note this material contains an inhibitor (HQ, MEHQ, etc) at <1%. The type and amount meet product specifications. Contact manufacturer for exact concentration and details on inhibitor level maintenance.

See Section 16 for Abbreviations.
SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:
WARNING:
For Mixture:
  Physical Hazards: Unstable/Reactive upon depletion of inhibitor. **Check inhibitor levels periodically.**
  Acute Hazards: Eyes: May cause irritation. Irritation may include excessive tearing, blinking and redness. May cause corneal opacity and/or permanent damage.
    Ingestion: May be harmful and can cause nausea, vomiting, abdominal cramps.
    Inhalation: Not expected to be a hazard due to low volatility under standard conditions. Aerosols or vapors, which are generated at elevated temperatures, may cause irritation.
    Skin: May cause slight irritation. Possible skin sensitizer. May cause a severe reaction on repeated application which may include delayed irritation or blistering.
  Chronic Hazards: Respiratory Tract: Prolonged or repeated exposure may cause irritation.

CARCINOGENICITY:
None of the components of this material are listed by IARC, NTP, OSHA, or ACGIH as carcinogens.

PRIMARY ROUTES OF ENTRY:
Inhalation, Skin or Eyes.

SECTION 4 - FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:
EYES: If product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. If irritation occurs, contact a physician.
INGESTION: If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give anything by mouth to an unconscious person. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Get medical attention immediately.
INHALATION: Remove to fresh air. Seek immediate medical attention.
SKIN: If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the effected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.
CLOTHING: Remove contaminated clothing, wash thoroughly before reuse.
TREATMENT: Treat symptoms conventionally, after thorough decontamination.
### SECTION 5 - FIRE FIGHTING MEASURES

**FLASH POINT:** >200 °F, >93 °C  
**FLAMMABLE LIMIT, AIR VOL% LOWER:** NE  
**UPPER:** NE  
**AUTOIGNITION TEMPERATURE:** NE  
**EXTINGUISHER METHOD:** Chemical foam, carbon dioxide, dry chemical.  
**FIRE AND EXPLOSION HAZARDS:** High temperatures, inhibitor depletion, accidental impurities, or exposure to radiation or oxidizers may cause spontaneous polymerizing reaction generating heat/pressure. Closed containers may rupture or explode during a runaway polymerization. Use a water spray or fog to reduce or direct vapors. Water may not be effective in actually extinguishing a fire involving this product.  
**SPECIAL FIRE FIGHTING PROCEDURES:** When involved in a fire, this product may ignite and decompose to produce carbon oxides. Do not enter fire area without proper protection. Fight fire from a safe location. Heat/impurities may cause pressure to build and/or rupture closed containers, spreading fire, increasing risk of burns/injuries. Structural firefighters must wear SCBAs and full protective equipment.  
**SENSITIVE TO MECHANICAL IMPACT:** No.  
**SENSITIVE TO STATIC DISCHARGE:** No.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**ACCIDENTAL RELEASE:** Before cleaning any spill or leak, individuals involved must wear appropriate Personal Protective Equipment (e.g., goggles, gloves). Deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g. sand or earth). Maximize ventilation (open doors and windows) and secure all sources of ignition. Place into appropriate closed container(s) for disposal in accordance with local, state and federal regulations. Wash all affected areas with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.
SECTION 7- HANDLING AND STORAGE

PRECAUTIONS FOR HANDLING: Use local ventilation with a minimum capture velocity of 100 ft/min (30 m/min) at point of material release. Refer to Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Hygienists. Observe precautions found on label.

PRECAUTIONS FOR STORAGE: Product may congeal or stratify if subjected to below freezing temperatures. Store containers in a cool (40-80°F, 4-27°C), dry location, away from direct sunlight, heat, sparks, flame, other light sources, or sources of intense heat. Keep container closed after each use. **Check inhibitor levels periodically.** Do not blanket or mix with oxygen-free gas as it renders the inhibitor ineffective.

INDUSTRIAL HYGIENE PRACTICES: Avoid contact with skin, eyes, clothing, and prolonged contact with the product. Use good personal hygiene and housekeeping. After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

VENTILATION: Refer to Section 7 regarding the ventilation requirements for working with this product. Use local exhaust at processing equipment, including buffers, sanders, grinders and polishers. High temperature processing equipment should be well ventilated.

RESPIRATORY PROTECTION: A respirator should be worn whenever workplace conditions warrant a respirators use. None required if airborne concentrations are maintained below the exposure limit listed in Section 2. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134 or other appropriate governing standard.

EYE PROTECTION: Depending on the use of this product, splash or safety glasses may be worn. If necessary, refer to U.S. OSHA 29 CFR §1910.133, or other appropriate governing standard. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

PROTECTIVE GLOVES: If anticipated that prolonged & repeated skin contact will occur during use of this product, wear chemical resistant gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, or other appropriate governing standards.

OTHER PROTECTIVE EQUIPMENT: No special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate governing standards. An eyewash station and a safety shower are recommended.
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear to pigmented viscous liquid.
ODOR: Acrylate
pH: ND
ODOR THRESHOLD: ND
BOILING POINT: ND
MELTING POINT: ND
VISCOSITY: ND
SPECIFIC GRAVITY \( (H_2O=1): \) NA
VAPOR PRESSURE: NA
PERCENT VOLATILE W/W%: ND
VAPOR DENSITY \( (AIR=1): \) ND
VOC CONTENT BY WEIGHT: NA
SOLUBILITY IN WATER: ND
COEFFICIENT OF WATER/OIL DISTRIBUTION: ND

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: High temperatures, localized heat sources (example drum or band heaters) oxidizing conditions, freezing conditions, direct sunlight, ultraviolet radiation, inert gas blanketing.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong reducers, free radical initiators, inert gases, oxygen scavengers. Material has strong solvent properties and can soften paint and rubber.

HAZARDOUS DECOMPOSITION PRODUCTS: Mainly Oxides of Carbon when burned.

HAZARDOUS POLYMERIZATION: MAY OCCUR: X WILL NOT OCCUR:

STABILITY: Unstable/Reactive upon depletion of inhibitor.

SECTION 11- TOXICOLOGICAL PROPERTIES

TARGET ORGANS:
For Mixture: None Listed.

TOXICITY DATA:
This product has NOT been tested on animals to obtain toxicology data. There may be toxicology data for the components of the product, which is found in scientific literature. This data has not been presented in this document.

MUTAGENICITY DATA: This product is not reported to produce mutagenic effects in humans.

REPRODUCTIVE TOXICITY DATA:
Embryotoxicity: This product is not reported to produce embryotoxic effects in humans.
Teratogenicity: This product is not reported to cause teratogenic effects in humans.
Reproductive Toxicity: This product is not reported to cause reproductive effects in humans.
SECTION 12 - ECOLOGICAL INFORMATION

AQUATIC TOXICITY:
There is no specific data available for this product; however, very large releases of this product may be harmful or fatal to overexposed aquatic life.

ENVIRONMENTAL FATE:
There is no specific data available for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Contaminated product/soil/water may be RCRA/OSHA hazardous waste due to potential for internal heat generation (40 CFR 261 and 29 CFR 1910). After addition of excess inhibitor, dispose waste material in accordance with Federal, State, and Local regulations.

DISPOSAL OF EMPTY CONTAINERS: Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards due to residual material associated with empty containers. Dispose of all empty containers properly in accordance with Federal, State and Local regulations.

SECTION 14 - TRANSPORTATION

DOT/UN SHIPPING NAME: Not regulated.
DOT/UN CLASS: NA
NA/UN NUMBER: NA
PACKING GROUP: NA
LABEL: NA
IMDG CLASS: NA
IMDG PG: NA
DOT RQ: NA
SECTION 15 - REGULATORY INFORMATION

US:
TSCA Inventory Status: The components of this product are listed or are excluded from listing on the TSCA Inventory.

SARA Section 302: There are not any specific Threshold Planning Quantities for the components of this product.

SARA Section 311/312: Immediate (Acute) Health, Reactive

SARA Section 313: NA

CERCLA Reportable Quantity (RQ): NA

State Regulatory Information: This product may contain components that are covered under specific state criteria.

CANADA:
DSL/NDSL: The components of this product are listed on the DSL or NDSL.

WHMIS Hazard Class: D2B

Other: This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. None of the components of this product are listed on the Priorities Substances List.

EUROPE:
EINECS: The components of this product are listed on or are excluded from listing on EINECS or the NLP List.

HAZARD SYMBOLS: Xi – Irritant

RISK STATEMENTS: R36/38 – Irritating to eyes and skin.

SAFETY STATEMENTS: S3 – Keep in a cool place.

S37/39 – Wear suitable gloves and eye/face protection.

SECTION 16 - OTHER INFORMATION

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS) RATING:

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTH</td>
<td>2</td>
</tr>
<tr>
<td>FLAMMABILITY</td>
<td>1</td>
</tr>
<tr>
<td>REACTIVITY</td>
<td>1</td>
</tr>
<tr>
<td>PERSONAL PROTECTIVE EQUIPMENT</td>
<td>Gloves and Safety Glasses or Chemical Splash Goggles.</td>
</tr>
</tbody>
</table>

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD IDENTIFICATION RATING:

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTH</td>
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</tr>
<tr>
<td>FLAMMABILITY</td>
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<td>REACTIVITY</td>
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## ABBREVIATIONS:

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Definition</th>
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</thead>
<tbody>
<tr>
<td>NA</td>
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<tr>
<td>NE</td>
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<td>ppm</td>
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<td>LC</td>
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<td>Toxic Concentration</td>
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<td>BOD</td>
<td>Biological Oxygen Demand</td>
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<td>TLM</td>
<td>Threshold Limit</td>
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<td>DOC</td>
<td>Dissolved Organic Carbon</td>
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<tr>
<td>H</td>
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<td>Inhibitory Concentration</td>
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<td>H</td>
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<td>M</td>
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<td>Y</td>
<td>Years</td>
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<tr>
<td>ACRIH</td>
<td>American Conference of Governmental Industrial Hygienist</td>
</tr>
<tr>
<td>CPR</td>
<td>Controlled Product's Regulation</td>
</tr>
<tr>
<td>DSL</td>
<td>Canadian Domestic Substances List</td>
</tr>
<tr>
<td>NDSDL</td>
<td>Canadian Non-domestic Substance List</td>
</tr>
<tr>
<td>IARC</td>
<td>International Agency for Research for Cancer</td>
</tr>
<tr>
<td>NOEL</td>
<td>No Observed Effect Level</td>
</tr>
<tr>
<td>NOAEL</td>
<td>No Observed Adverse Effect Level</td>
</tr>
<tr>
<td>OSHA</td>
<td>Occupational Safety and Health Administration</td>
</tr>
<tr>
<td>PEL</td>
<td>Permissible Exposure Limit</td>
</tr>
<tr>
<td>TLV</td>
<td>Threshold Limit Value</td>
</tr>
</tbody>
</table>

This Material Safety Data Sheet is prepared in compliance with Federal Regulations (29 CFR 1910.1200), Canadian WHMIS Regulations, any applicable State and Local Regulations should be consulted. The above information may be based in part on information provided by component suppliers and is believed to be correct as of the date hereof. However, no warranty of merchantability, fitness for any use, or any other warranty is expressed or is to be implied regarding the accuracy of these data, the results to be obtained from the use of the material, or the hazards connected with such use. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, and since data made available subsequent to the date hereof may suggest modification of the information, we assume no responsibility for the result of its use. This information and material is furnished on the condition that the person receiving it shall make his/her own determination as to the suitability of the material for his/her particular purpose and on the condition that he/she assume the risk of his/her use thereof.
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ADDRESS: 29120 Avenue Paine
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AUTOIGNITION TEMPERATURE: NE
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VENTILATION: Refer to Section 7 regarding the ventilation requirements for working with this product. Use local exhaust at processing equipment, including buffers, sanders, grinders and polishers. High temperature processing equipment should be well ventilated.

RESPIRATORY PROTECTION: A respirator should be worn whenever workplace conditions warrant a respirators use. None required if airborne concentrations are maintained below the exposure limit listed in Section 2. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134 or other appropriate governing standard.

EYE PROTECTION: Depending on the use of this product, splash or safety glasses may be worn. If necessary, refer to U.S. OSHA 29 CFR §1910.133, or other appropriate governing standard. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

PROTECTIVE GLOVES: If anticipated that prolonged & repeated skin contact will occur during use of this product, wear chemical resistant gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, or other appropriate governing standards.

OTHER PROTECTIVE EQUIPMENT: No special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate governing standards. An eyewash station and a safety shower are recommended.
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear to pigmented viscous liquid.
ODOR: Acrylate
pH: ND
ODOR THRESHOLD: ND
BOILING POINT: ND
MELTING POINT: ND
VISCOSITY: ND
SPECIFIC GRAVITY ($H_2O=1$): NA
VAPOR PRESSURE: NA
PERCENT VOLATILE W/W%: ND
VAPOR DENSITY (AIR=1): ND
VOC CONTENT BY WEIGHT: NA
SOLUBILITY IN WATER: ND
COEFFICIENT OF WATER/OIL DISTRIBUTION: ND

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: High temperatures, localized heat sources (example drum or band heaters) oxidizing conditions, freezing conditions, direct sunlight, ultraviolet radiation, inert gas blanketing.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong reducers, free radical initiators, inert gases, oxygen scavengers. Material has strong solvent properties and can soften paint and rubber.

HAZARDOUS DECOMPOSITION PRODUCTS: Mainly Oxides of Carbon when burned.

HAZARDOUS POLYMERIZATION: MAY OCCUR: X WILL NOT OCCUR:

STABILITY: Unstable/Reactive upon depletion of inhibitor.

SECTION 11 - TOXICOLOGICAL PROPERTIES

TARGET ORGANS: For Mixture: None Listed.

TOXICITY DATA: This product has NOT been tested on animals to obtain toxicology data. There may be toxicology data for the components of the product, which is found in scientific literature. This data has not been presented in this document.

MUTAGENICITY DATA: This product is not reported to produce mutagenic effects in humans.

REPRODUCTIVE TOXICITY DATA: Embryotoxicity: This product is not reported to produce embryotoxic effects in humans. Teratogenicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause reproductive effects in humans.
SECTION 12 - ECOLOGICAL INFORMATION

AQUATIC TOXICITY:
There is no specific data available for this product; however, very large releases of this product may be harmful or fatal to overexposed aquatic life.

ENVIRONMENTAL FATE:
There is no specific data available for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Contaminated product/soil/water may be RCRA/OSHA hazardous waste due to potential for internal heat generation (40 CFR 261 and 29 CFR 1910). After addition of excess inhibitor, dispose waste material in accordance with Federal, State, and Local regulations.

DISPOSAL OF EMPTY CONTAINERS: Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards due to residual material associated with empty containers. Dispose of all empty containers properly in accordance with Federal, State and Local regulations.

SECTION 14 - TRANSPORTATION

DOT/UN SHIPPING NAME: Not regulated.
DOT/UN CLASS: NA
NA/UN NUMBER: NA
PACKING GROUP: NA
LABEL: NA
IMDG CLASS: NA
IMDG PG: NA
DOT RQ: NA
SECTION 15 - REGULATORY INFORMATION

US:
TSCA Inventory Status: The components of this product are listed or are excluded from listing on the TSCA Inventory.
SARA Section 302: There are not any specific Threshold Planning Quantities for the components of this product.
SARA Section 311/312: Immediate (Acute) Health, Reactive
SARA Section 313: NA
CERCLA Reportable Quantity (RQ): NA
State Regulatory Information: This product may contain components that are covered under specific state criteria.

CANADA:
DSL/NDSL: The components of this product are listed on the DSL or NDSL.
WHMIS Hazard Class: D2B
Other: This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. None of the components of this product are listed on the Priorities Substances List.

EUROPE:
EINECS: The components of this product are listed on or are excluded from listing on EINECS or the NLP List.

HAZARD SYMBOLS:
Xi – Irritant

RISK STATEMENTS:
R36/38 – Irritating to eyes and skin.
R43 – May cause sensitization by skin contact

SAFETY STATEMENTS:
S3 – Keep in a cool place.
S7 – Keep container tightly closed.
S9 – Keep container in a well-ventilated place.
S20 – When using do not eat or drink.
S 29 – Do not empty into drains.
S37/39 – Wear suitable gloves and eye/face protection.

SECTION 16 - OTHER INFORMATION

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS) RATING:

<table>
<thead>
<tr>
<th></th>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>REACTIVITY</th>
<th>PERSONAL PROTECTIVE EQUIPMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTH</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>Gloves and Safety Glasses or Chemical Splash Goggles.</td>
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NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD IDENTIFICATION RATING:

<table>
<thead>
<tr>
<th></th>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>REACTIVITY</th>
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</thead>
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<tr>
<td>HEALTH</td>
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<td>1</td>
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ABBREVIATIONS:

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<th>Description</th>
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</tr>
<tr>
<td>Y</td>
<td>Years</td>
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ACGIH  American Conference of Governmental Industrial Hygienist
CPR    Controlled Product’s Regulation
DSL    Canadian Domestic Substances List
NDSSL  Canadian Non-domestic Substance List
IARC   International Agency for Research for Cancer
NOEL   No Observed Effect Level
NOAEL  No Observed Adverse Effect Level
OSHA   Occupational Safety and Health Administration
PEL    Permissible Exposure Limit
TLV    Threshold Limit Value

THIS MATERIAL SAFETY DATA SHEET IS PREPARED IN COMPLIANCE WITH FEDERAL REGULATIONS (29 CFR 1910.1200), CANADIAN WHMIS REGULATIONS, ANY APPLICABLE STATE AND LOCAL REGULATIONS SHOULD BE CONSULTED. THE ABOVE INFORMATION MAY BE BASED IN PART ON INFORMATION PROVIDED BY COMPONENT SUPPLIERS AND IS BELIEVED TO BE CORRECT AS OF THE DATE HEREOF. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY USE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OF THESE DATA, THE RESULTS TO BE OBTAINED FROM THE USE OF THE MATERIAL, OR THE HAZARDS CONNECTED WITH SUCH USE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL AND WITH WHICH WE MAY BE UNFAMILIAR, AND SINCE DATA MADE AVAILABLE SUBSEQUENT TO THE DATE HEREOF MAY SUGGEST MODIFICATION OF THE INFORMATION, WE ASSUME NO RESPONSIBILITY FOR THE RESULT OF ITS USE. THIS INFORMATION AND MATERIAL IS FURNISHED ON THE CONDITION THAT THE PERSON RECEIVING IT SHALL MAKE HIS/HER OWN DETERMINATION AS TO THE SUITABILITY OF THE MATERIAL FOR HIS/HER PARTICULAR PURPOSE AND ON THE CONDITION THAT HE/SHE ASSUME THE RISK OF HIS/HER USE THEREOF.
CHEMICAL NAME: Urethane Acrylate Blend

PRODUCT NAME: Eco Soak Off Gel- Base Coat

PRODUCT USE: Organic Process Chemical

MANUFACTURER: Star Nail International, Inc.
ADDRESS: 29120 AVENUE PAINE
VALENCIA, CA 91355

24 HR. EMERGENCY TELEPHONE: CHEMTEL: 1-800-255-3924 or 813-248-0573

PREPARATION/UPDATE DATE: 01/02/2014
PRINT DATE: 6/10/14
MSDS ID: M16-02

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

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<th>CHEMICAL NAME</th>
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<tr>
<td>02</td>
<td>Isobornyl Methacrylate</td>
<td>7534-94-3</td>
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<td>03</td>
<td>Mono Methacrylate</td>
<td>27813-02-1</td>
<td>0.0-10.0</td>
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<tr>
<td>04</td>
<td>Photoinitiator</td>
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ACGIH OSHA  

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<td>04</td>
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<td>NE</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
</tr>
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</table>

Note this material contains an inhibitor (HQ, MEHQ, etc) at <1%. The type and amount meet product specifications. Contact manufacturer for exact concentration and details on inhibitor level maintenance.

See Section 16 for Abbreviations.
EMERGENCY OVERVIEW:

WARNING:

For Mixture:

Physical Hazards: Unstable/Reactive upon depletion of inhibitor. **Check inhibitor levels periodically.**

Acute Hazards: Eyes: May cause irritation. Irritation may include excessive tearing, blinking and redness. May cause corneal opacity and/or permanent damage.

Ingestion: May be harmful and can cause nausea, vomiting, abdominal cramps.

Inhalation: Not expected to be a hazard due to low volatility under standard conditions. Aerosols or vapors, which are generated at elevated temperatures, may cause irritation.

Skin: May cause slight irritation. Possible skin sensitizer. May cause a severe reaction on repeated application which may include delayed irritation or blistering.

Chronic Hazards: Respiratory Tract: Prolonged or repeated exposure may cause irritation.

CARCINOGENICITY:

None of the components of this material are listed by IARC, NTP, OSHA, or ACGIH as carcinogens.

PRIMARY ROUTES OF ENTRY:

Inhalation, Skin or Eyes.

SECTION 4 - FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

**EYES:** If product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. If irritation occurs, contact a physician.

**INGESTION:** If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give anything by mouth to an unconscious person. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Get medical attention immediately.

**INHALATION:** Remove to fresh air. Seek immediate medical attention.

**SKIN:** If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the effected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.

**CLOTHING:** Remove contaminated clothing, wash thoroughly before reuse.

**TREATMENT:** Treat symptoms conventionally, after thorough decontamination.
SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: >200 °F, >93 °C
FLAMMABLE LIMIT, AIR VOL% LOWER: NE
UPPER: NE
AUTOIGNITION TEMPERATURE: NE
EXTINGUISHER METHOD: Chemical foam, carbon dioxide, dry chemical.
FIRE AND EXPLOSION HAZARDS: High temperatures, inhibitor depletion, accidental impurities, or exposure to radiation or oxidizers may cause spontaneous polymerizing reaction generating heat/pressure. Closed containers may rupture or explode during a runaway polymerization. Use a water spray or fog to reduce or direct vapors. Water may not be effective in actually extinguishing a fire involving this product.
SPECIAL FIRE FIGHTING PROCEDURES: When involved in a fire, this product may ignite and decompose to produce carbon oxides. Do not enter fire area without proper protection. Fight fire from a safe location. Heat/impurities may cause pressure to build and/or rupture closed containers, spreading fire, increasing risk of burns/injuries. Structural firefighters must wear SCBAs and full protective equipment.
SENSITIVE TO MECHANICAL IMPACT: No.
SENSITIVE TO STATIC DISCHARGE: No.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE:
Before cleaning any spill or leak, individuals involved must wear appropriate Personal Protective Equipment (e.g., goggles, gloves). Deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g. sand or earth). Maximize ventilation (open doors and windows) and secure all sources of ignition. Place into appropriate closed container(s) for disposal in accordance with local, state and federal regulations. Wash all affected areas with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.
SECTION 7- HANDLING AND STORAGE

PRECAUTIONS FOR HANDLING: Use local ventilation with a minimum capture velocity of 100 ft/min (30 m/min) at point of material release. Refer to Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Hygienist. Observe precautions found on label.

PRECAUTIONS FOR STORAGE: Product may congeal or stratify if subjected to below freezing temperatures. Store containers in a cool (40-80°F, 4-27°C), dry location, away from direct sunlight, heat, sparks, flame, other light sources, or sources of intense heat. Keep container closed after each use. Check inhibitor levels periodically. Do not blanket or mix with oxygen-free gas as it renders the inhibitor ineffective.

INDUSTRIAL HYGIENE PRACTICES: Avoid contact with skin, eyes, clothing, and prolonged contact with the product. Use good personal hygiene and housekeeping. After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

VENTILATION: Refer to Section 7 regarding the ventilation requirements for working with this product. Use local exhaust at processing equipment, including buffers, sanders, grinders and polishers. High temperature processing equipment should be well ventilated.

RESPIRATORY PROTECTION: A respirator should be worn whenever workplace conditions warrant a respirators use. None required if airborne concentrations are maintained below the exposure limit listed in Section 2. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134 or other appropriate governing standard.

EYE PROTECTION: Depending on the use of this product, splash or safety glasses may be worn. If necessary, refer to U.S. OSHA 29 CFR §1910.133, or other appropriate governing standard. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

PROTECTIVE GLOVES: If anticipated that prolonged & repeated skin contact will occur during use of this product, wear chemical resistant gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, or other appropriate governing standards.

OTHER PROTECTIVE EQUIPMENT: No special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate governing standards. An eyewash station and a safety shower are recommended.
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPEARANCE</td>
<td>Clear Viscous Liquid.</td>
</tr>
<tr>
<td>ODOR</td>
<td>Acrylate</td>
</tr>
<tr>
<td>pH</td>
<td>ND</td>
</tr>
<tr>
<td>ODOR THRESHOLD</td>
<td>ND</td>
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<tr>
<td>BOILING POINT</td>
<td>ND</td>
</tr>
<tr>
<td>MELTING POINT</td>
<td>ND</td>
</tr>
<tr>
<td>VISCOSITY</td>
<td>ND</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY (H₂O=1)</td>
<td>NA</td>
</tr>
<tr>
<td>VAPOR PRESSURE</td>
<td>NA</td>
</tr>
<tr>
<td>PERCENT VOLATILE W/W%</td>
<td>ND</td>
</tr>
<tr>
<td>VAPOR DENSITY (AIR=1)</td>
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</tr>
<tr>
<td>VOC CONTENT BY WEIGHT</td>
<td>NA</td>
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<td>SOLUBILITY IN WATER</td>
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<td>COEFFICIENT OF WATER/OIL DISTRIBUTION</td>
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SECTION 10 - STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Condition</th>
<th>Details</th>
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<tbody>
<tr>
<td>CONDITIONS TO AVOID</td>
<td>High temperatures, localized heat sources (example drum or band heaters) oxidizing conditions, freezing conditions, direct sunlight, ultraviolet radiation, inert gas blanketing.</td>
</tr>
<tr>
<td>INCOMPATIBILITY (MATERIALS TO AVOID)</td>
<td>Strong oxidizers, strong reducers, free radical initiators, inert gases, oxygen scavengers. Material has strong solvent properties and can soften paint and rubber.</td>
</tr>
<tr>
<td>HAZARDOUS DECOMPOSITION PRODUCTS</td>
<td>Mainly Oxides of Carbon when burned.</td>
</tr>
<tr>
<td>HAZARDOUS POLYMERIZATION</td>
<td>MAY OCCUR: X WILL NOT OCCUR:</td>
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<tr>
<td>STABILITY</td>
<td>Unstable/Reactive upon depletion of inhibitor.</td>
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SECTION 11 - TOXICOLOGICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
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<tr>
<td>TARGET ORGANS</td>
<td>For Mixture: None Listed.</td>
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<tr>
<td>TOXICITY DATA</td>
<td>This product has NOT been tested on animals to obtain toxicology data. There may be toxicology data for the components of the product, which is found in scientific literature. This data has not been presented in this document.</td>
</tr>
<tr>
<td>MUTAGENICITY DATA</td>
<td>This product is not reported to produce mutagenic effects in humans.</td>
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<td>REPRODUCTIVE TOXICITY DATA</td>
<td>Embryotoxicity: This product is not reported to produce embryotoxic effects in humans. Teratogenicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause reproductive effects in humans.</td>
</tr>
</tbody>
</table>
SECTION 12 - ECOLOGICAL INFORMATION

AQUATIC TOXICITY:
There is no specific data available for this product; however, very large releases of this product may be harmful or fatal to overexposed aquatic life.

ENVIRONMENTAL FATE:
There is no specific data available for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Contaminated product/soil/water may be RCRA/OSHA hazardous waste due to potential for internal heat generation (40 CFR 261 and 29 CFR 1910). After addition of excess inhibitor, dispose waste material in accordance with Federal, State, and Local regulations.

DISPOSAL OF EMPTY CONTAINERS: Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards due to residual material associated with empty containers. Dispose of all empty containers properly in accordance with Federal, State and Local regulations.

SECTION 14 - TRANSPORTATION

DOT/UN SHIPPING NAME: Not regulated.
DOT/UN CLASS: NA
NA/UN NUMBER: NA
PACKING GROUP: NA
LABEL: NA
IMDG CLASS: NA
IMDG PG: NA
DOT RQ: NA
SECTION 15 - REGULATORY INFORMATION

US:
TSCA Inventory Status: The components of this product are listed or excluded from listing on the TSCA Inventory.
SARA Section 302: There are not any specific Threshold Planning Quantities for the components of this product.
SARA Section 311/312: Immediate (Acute) Health, Reactive
SARA Section 313: NA
CERCLA Reportable Quantity (RQ): NA
State Regulatory Information: This product may contain components that are covered under specific state criteria.

CANADA:
DSL/NDSL: The components of this product are listed on the DSL or NDSL.
WHMIS Hazard Class: D2B
Other: This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. None of the components of this product are listed on the Priorities Substances List.

EUROPE:
EINECS: The components of this product are listed on or are excluded from listing on EINECS or the NLP List.

HAZARD SYMBOLS: Xi – Irritant
RISK STATEMENTS: R36/38 – Irritating to eyes and skin. R43 – May cause sensitization by skin contact

SECTION 16 - OTHER INFORMATION

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS) RATING:
HEALTH: 2
FLAMMABILITY: 1
REACTIVITY: 1
PERSONAL PROTECTIVE EQUIPMENT: Gloves and Safety Glasses or Chemical Splash Goggles.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD IDENTIFICATION RATING:
HEALTH: 2
FLAMMABILITY: 1
REACTIVITY: 1
## ABBREVIATIONS:

<table>
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<th>Abbreviation</th>
<th>Description</th>
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<tr>
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<td>Not Established</td>
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<td>W</td>
<td>Weeks</td>
</tr>
<tr>
<td>G</td>
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<tr>
<td>L</td>
<td>Liter</td>
</tr>
<tr>
<td>mol</td>
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<td>TD</td>
<td>Toxic Dose</td>
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<td>Chemical Oxygen Demand</td>
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<tr>
<td>ThOD</td>
<td>Theoretical Oxygen Demand</td>
</tr>
<tr>
<td>IC</td>
<td>Inhibitory Concentration</td>
</tr>
</tbody>
</table>

**ACGIH** American Conference of Governmental Industrial Hygienist  
**CPR** Controlled Product’s Regulation  
**DSL** Canadian Domestic Substances List  
**NDSL** Canadian Non-domestic Substance List  
**IARC** International Agency for Research for Cancer  
**NOEL** No Observed Effect Level  
**NOAEL** No Observed Adverse Effect Level  
**OSHA** Occupational Safety and Health Administration  
**PEL** Permissible Exposure Limit  
**TLV** Threshold Limit Value  

*THIS MATERIAL SAFETY DATA SHEET IS PREPARED IN COMPLIANCE WITH FEDERAL REGULATIONS (29 CFR 1910.1200), CANADIAN WHMIS REGULATIONS, ANY APPLICABLE STATE AND LOCAL REGULATIONS SHOULD BE CONSULTED. THE ABOVE INFORMATION MAY BE BASED IN PART ON INFORMATION PROVIDED BY COMPONENT SUPPLIERS AND IS BELIEVED TO BE CORRECT AS OF THE DATE HEREOF. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY USE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OF THESE DATA, THE RESULTS TO BE OBTAINED FROM THE USE OF THE MATERIAL, OR THE HAZARDS CONNECTED WITH SUCH USE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL AND WITH WHICH WE MAY BE UNFAMILIAR, AND SINCE DATA MADE AVAILABLE SUBSEQUENT TO THE DATE HEREOF MAY SUGGEST MODIFICATION OF THE INFORMATION, WE ASSUME NO RESPONSIBILITY FOR THE RESULT OF ITS USE. THIS INFORMATION AND MATERIAL IS FURNISHED ON THE CONDITION THAT THE PERSON RECEIVING IT SHALL MAKE HIS/HER OWN DETERMINATION AS TO THE SUITABILITY OF THE MATERIAL FOR HIS/HER PARTICULAR PURPOSE AND ON THE CONDITION THAT HE/SHE ASSUME THE RISK OF HIS/HER USE THEREOF.*
CheMical Name: Urethane Acrylate Blend

Product Name: Eco Soak Off Gel- Air Waitress Red

Product Use: Organic Process Chemical

Manufacturer: Star Nail International, Inc.
Address: 29120 Avenue Paine
Valencia, CA 91355

24 HR. Emergency Telephone: ChemTel: 1-800-255-3924 or 813-248-0573

Preparation/Update Date: 01/02/2014
Print Date: 6/10/14
MSDS ID: M16-02

Section 2 - Composition/Information on Ingredients

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<td>Mono Methacrylate</td>
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<td>04</td>
<td>Photoinitator</td>
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<td>05</td>
<td>Pigment</td>
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ACGIH   OSHA  Company Recommendation  Skin
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<td>NE</td>
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<td>NE</td>
</tr>
</tbody>
</table>

Note this material contains an inhibitor (HQ, MEHQ, etc) at <1%. The type and amount meet product specifications. Contact manufacturer for exact concentration and details on inhibitor level maintenance.

See Section 16 for Abbreviations.
SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:
WARNING:
For Mixture:

Physical Hazards: Unstable/Reactive upon depletion of inhibitor. **Check inhibitor levels periodically.**

**Acute Hazards:**
- **Eyes:** May cause irritation. Irritation may include excessive tearing, blinking and redness. May cause corneal opacity and/or permanent damage.
- **Ingestion:** May be harmful and can cause nausea, vomiting, abdominal cramps.
- **Inhalation:** Not expected to be a hazard due to low volatility under standard conditions. Aerosols or vapors, which are generated at elevated temperatures, may cause irritation.
- **Skin:** May cause slight irritation. Possible skin sensitizer. May cause a severe reaction on repeated application which may include delayed irritation or blistering.

**Chronic Hazards:**
- **Respiratory Tract:** Prolonged or repeated exposure may cause irritation.

CARCINOGENICITY:
None of the components of this material are listed by IARC, NTP, OSHA, or ACGIH as carcinogens.

PRIMARY ROUTES OF ENTRY:
Inhalation, Skin or Eyes.

SECTION 4 - FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

**EYES:** If product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. If irritation occurs, contact a physician.

**INGESTION:** If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give anything by mouth to an unconscious person. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Get medical attention immediately.

**INHALATION:** Remove to fresh air. Seek immediate medical attention.

**SKIN:** If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the effected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.

**CLOTHING:** Remove contaminated clothing, wash thoroughly before reuse.

**TREATMENT:** Treat symptoms conventionally, after thorough decontamination.
SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: >200 °F, >93 °C
FLAMMABLE LIMIT, AIR VOL% LOWER: NE
       UPPER: NE
AUTOIGNITION TEMPERATURE: NE
EXTINGUISHER METHOD: Chemical foam, carbon dioxide, dry chemical.
FIRE AND EXPLOSION HAZARDS: High temperatures, inhibitor depletion, accidental impurities, or exposure to radiation or oxidizers may cause spontaneous polymerizing reaction generating heat/pressure. Closed containers may rupture or explode during a runaway polymerization. Use a water spray or fog to reduce or direct vapors. Water may not be effective in actually extinguishing a fire involving this product.
SPECIAL FIRE FIGHTING PROCEDURES: When involved in a fire, this product may ignite and decompose to produce carbon oxides. Do not enter fire area without proper protection. Fight fire from a safe location. Heat/impurities may cause pressure to build and/or rupture closed containers, spreading fire, increasing risk of burns/injuries. Structural firefighters must wear SCBAs and full protective equipment.
SENSITIVE TO MECHANICAL IMPACT: No.
SENSITIVE TO STATIC DISCHARGE: No.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE: Before cleaning any spill or leak, individuals involved must wear appropriate Personal Protective Equipment (e.g., goggles, gloves). Deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g. sand or earth). Maximize ventilation (open doors and windows) and secure all sources of ignition. Place into appropriate closed container(s) for disposal in accordance with local, state and federal regulations. Wash all affected areas with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.
SECTION 7- HANDLING AND STORAGE

PRECAUTIONS FOR HANDLING: Use local ventilation with a minimum capture velocity of 100 ft/min (30 m/min) at point of material release. Refer to Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Hygienist. Observe precautions found on label.

PRECAUTIONS FOR STORAGE: Product may congeal or stratify if subjected to below freezing temperatures. Store containers in a cool (40-80°F, 4-27°C), dry location, away from direct sunlight, heat, sparks, flame, other light sources, or sources of intense heat. Keep container closed after each use. Check inhibitor levels periodically. Do not blanket or mix with oxygen-free gas as it renders the inhibitor ineffective.

INDUSTRIAL HYGIENE PRACTICES: Avoid contact with skin, eyes, clothing, and prolonged contact with the product. Use good personal hygiene and housekeeping. After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

VENTILATION: Refer to Section 7 regarding the ventilation requirements for working with this product. Use local exhaust at processing equipment, including buffers, sanders, grinders and polishers. High temperature processing equipment should be well ventilated.

RESPIRATORY PROTECTION: A respirator should be worn whenever workplace conditions warrant a respirators use. None required if airborne concentrations are maintained below the exposure limit listed in Section 2. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134 or other appropriate governing standard.

EYE PROTECTION: Depending on the use of this product, splash or safety glasses may be worn. If necessary, refer to U.S. OSHA 29 CFR §1910.133, or other appropriate governing standard. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

PROTECTIVE GLOVES: If anticipated that prolonged & repeated skin contact will occur during use of this product, wear chemical resistant gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, or other appropriate governing standards.

OTHER PROTECTIVE EQUIPMENT: No special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate governing standards. An eyewash station and a safety shower are recommended.
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear to pigmented viscous liquid.
ODOR: Acrylate
pH: ND
ODOR THRESHOLD: ND
BOILING POINT: ND
MELTING POINT: ND
VISCOSITY: ND
SPECIFIC GRAVITY (H₂O=1): NA
VAPOR PRESSURE: NA
PERCENT VOLATILE W/W%: ND
VAPOR DENSITY (AIR=1): ND
VOC CONTENT BY WEIGHT: NA
SOLUBILITY IN WATER: ND
COEFFICIENT OF WATER/OIL DISTRIBUTION: ND

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: High temperatures, localized heat sources (example drum or band heaters) oxidizing conditions, freezing conditions, direct sunlight, ultraviolet radiation, inert gas blanketing.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong reducers, free radical initiators, inert gases, oxygen scavengers. Material has strong solvent properties and can soften paint and rubber.

HAZARDOUS DECOMPOSITION PRODUCTS: Mainly Oxides of Carbon when burned.

HAZARDOUS POLYMERIZATION: MAY OCCUR: X WILL NOT OCCUR:

STABILITY: Unstable/Reactive upon depletion of inhibitor.

SECTION 11 - TOXICOLOGICAL PROPERTIES

TARGET ORGANS: For Mixture: None Listed.

TOXICITY DATA: This product has NOT been tested on animals to obtain toxicology data. There may be toxicology data for the components of the product, which is found in scientific literature. This data has not been presented in this document.

MUTAGENICITY DATA: This product is not reported to produce mutagenic effects in humans.

REPRODUCTIVE TOXICITY DATA:
Embryotoxicity: This product is not reported to produce embryotoxic effects in humans.
Teratogenicity: This product is not reported to cause teratogenic effects in humans.
Reproductive Toxicity: This product is not reported to cause reproductive effects in humans.
SECTION 12 - ECOLOGICAL INFORMATION

AQUATIC TOXICITY:
There is no specific data available for this product; however, very large releases of this product may be harmful or fatal to overexposed aquatic life.

ENVIRONMENTAL FATE:
There is no specific data available for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:
Contaminated product/soil/water may be RCRA/OSHA hazardous waste due to potential for internal heat generation (40 CFR 261 and 29 CFR 1910). After addition of excess inhibitor, dispose waste material in accordance with Federal, State, and Local regulations.

DISPOSAL OF EMPTY CONTAINERS:
Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards due to residual material associated with empty containers. Dispose of all empty containers properly in accordance with Federal, State and Local regulations.

SECTION 14 - TRANSPORTATION

DOT/UN SHIPPING NAME: Not regulated.
DOT/UN CLASS: NA
NA/UN NUMBER: NA
PACKING GROUP: NA
LABEL: NA
IMDG CLASS: NA
IMDG PG: NA
DOT RQ: NA
**SECTION 15 - REGULATORY INFORMATION**

**US:**
- **TSCA Inventory Status:** The components of this product are listed or are excluded from listing on the TSCA Inventory.
- **SARA Section 302:** There are not any specific Threshold Planning Quantities for the components of this product.
- **SARA Section 311/312:** Immediate (Acute) Health, Reactive
- **CERCLA Reportable Quantity (RQ):** NA
- **State Regulatory Information:** This product may contain components that are covered under specific state criteria.

**CANADA:**
- **DSL/NDSL:** The components of this product are listed on the DSL or NDSL.
- **WHMIS Hazard Class:** D2B
- **Other:** This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. None of the components of this product are listed on the Priorities Substances List.

**EUROPE:**
- **EINECS:** The components of this product are listed on or are excluded from listing on EINECS or the NLP List.

**HAZARD SYMBOLS:** Xi – Irritant

**RISK STATEMENTS:**
- R36/38 – Irritating to eyes and skin.
- R43 – May cause sensitization by skin contact

**SAFETY STATEMENTS:**
- S3 – Keep in a cool place.
- S7 – Keep container tightly closed.
- S9 – Keep container in a well-ventilated place.
- S20 – When using do not eat or drink.
- S29 – Do not empty into drains.
- S37/39 – Wear suitable gloves and eye/face protection.

**SECTION 16 - OTHER INFORMATION**

**HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS) RATING:**
- HEALTH: 2
- FLAMMABILITY: 1
- REACTIVITY: 1
- PERSONAL PROTECTIVE EQUIPMENT: Gloves and Safety Glasses or Chemical Splash Goggles.

**NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD IDENTIFICATION RATING:**
- HEALTH: 2
- FLAMMABILITY: 1
- REACTIVITY: 1
SECTION 16 - OTHER INFORMATION - CONTINUED

ABBREVIATIONS:
NA Not Applicable
ND Not Determined
NE Not Established
ppm parts per million
mg Milligram
gm Gram
kg Kilogram
mm Millimeter
Pa Pascals
LC Lethal Concentration
TC Toxic Concentration
BOD Biological Oxygen Demand
Lo Lowest
Tlm Threshold Limit
DOC Dissolved Organic Carbon
G Gallon
L Liter
mol Mole
µ Micro
p Pico
c cento
LD Lethal Dose
TD Toxic Dose
COD Chemical Oxygen Demand
ThOD Theoretical Oxygen Demand
IC Inhibitory Concentration
H Hours
D Days
W Weeks
M Months
Y Years

ACGIH American Conference of Governmental Industrial Hygienist
CPR Controlled Product's Regulation
DSL Canadian Domestic Substances List
NDSL Canadian Non-domestic Substance List
IARC International Agency for Research for Cancer
NOEL No Observed Effect Level
NOAEL No Observed Adverse Effect Level
OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TLV Threshold Limit Value

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PERSON RECEIVING IT SHALL MAKE HIS/HER OWN DETERMINATION AS TO THE SUITABILITY OF THE MATERIAL FOR HIS/HER
PARTICULAR PURPOSE AND ON THE CONDITION THAT HE/SHE ASSUME THE RISK OF HIS/HER USE THEREOF.
MATERIAL SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: Eco Soak-Off Solution
Trade Name: N/A
Manufacturer's Name: Star Nail International, Inc.
Chemical Family: N/A
Address: 29120 Avenue Paine
City, State, Zip: Valencia, CA 91355
Emergency Telephone: (813) 248-0573 or (800) 255-3924

SECTION 2: COMPOSITION and INFORMATION ON INGREDIENTS

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<thead>
<tr>
<th>CAS No.</th>
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<td>Acetone</td>
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<td>8001-29-4</td>
<td>Gossypium Herbaceum (Cotton) Seed Oil</td>
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<td>8001-21-6</td>
<td>Helianthus Annuus (Sunflower) Seed Oil</td>
</tr>
<tr>
<td>8001-23-8</td>
<td>Carthamus Tintctorius (Safflower) Seed Oil</td>
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<tr>
<td>58-95-7</td>
<td>Tocopheryl Acetate</td>
</tr>
<tr>
<td></td>
<td>Parfum (Fragrance)</td>
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</table>

SECTION 3: HAZARD DATA

Flammable Gel

Route of Entry: Inhalation; Absorption; Ingestion

Routes of Exposure:

Ingestion: If swallowed may cause nausea, vomiting and/or diarrhea.

Eyes: The vapor is uncomfortable to the eye. Splashes may cause severe eye damage. Symptoms of overexposure may include redness, itching, irritation and watering.

Skin: May be irritating to skin.

SECTION 4: FIRST AID MEASURES

INGESTION: If ingested, call Poison Control Center or local emergency number IMMEDIATELY. Provide an estimate of the time and amount of the substance that was swallowed.

INHALATION: Remove victim to fresh air at once.

EYES: If product is in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. Open and close eyelid(s) to ensure thorough irrigation. Consult a physician and show him the product's container or label.

SKIN: If redness, dryness or other signs of irritation to the skin develop, wash affected skin areas with plenty of warm water and soap. If irritation persists, consult a physician.

Aggravation of Pre-existing Conditions: N/A
**SECTION 5: FIRE FIGHTING MEASURES**

This product is **Highly Flammable**. Keep away from sources of ignition -- Flashpoint: Autoignition Temperature:

Fire Extinguishing Media:
Dry chemical, alcohol foam or carbon dioxide. Water may be ineffective. Water spray may be used to keep fire exposed containers cool.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. Maximize ventilation and secure all sources of ignition. Sweep up spilled material or remove spilled material with absorbent material and place into appropriate closed container for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash before they are worn again.

**SECTION 7: HANDLING and STORAGE**

Use in a well-ventilated location and avoid breathing the vapors generated by this product. After using this product wash skin thoroughly with plenty of soap and water. If necessary, use a moisturizer after washing. Do not eat, drink, or smoke while handling this product. Keep away from excessive heat, open flames, spark and other possible sources of ignition. Do not store in damaged or unmarked containers or storage devices. Keep containers securely closed when not in use. Open slowly on a level, stable surface. Empty containers may contain residual amounts of this product; therefore, empty containers should be handled with care. Avoid eye contact. As a precaution against exposure to the eyes this product should not be stored higher than waist level. Do not store where temperatures can exceed 120 °F. Clean all spills promptly and thoroughly. Keep away from children at all times!

**SECTION 8:**

Use with adequate ventilation (e.g., local exhaust ventilation, fans). No special respiratory protection is required under typical circumstances of use or handling. Hand protection is not required under normal conditions of use but this product may cause skin irritation in some sensitive individuals. Not not classifiable as a human carcinogen.

**SECTION 9: PHYSICAL and CHEMICAL PROPERTIES**

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<tr>
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<th>Value</th>
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<tr>
<td>Vapor Pressure:</td>
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<tr>
<td>Odor:</td>
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<td>Solubility in Water:</td>
<td>at 20 C/ 68 F Completely miscible</td>
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<td>pH:</td>
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</tbody>
</table>
SECTION 10: STABILITY & REACTIVITY

Stable when stored properly in a closed container.

Avoid exposure/contact to extreme temperatures, strong light sources, sparks and/or a flame.

SECTION 11: TOXICOLOGICAL INFORMATION

This product has NOT been tested on animals to obtain data. The toxicology data for the components of the product, which are found in scientific literature. The data includes CIR Reports which aren't presented here.

This product is not reported to cause reproductive toxicity in humans.
This product is not reported to produce mutagenic effects in humans.
This product is not reported to produce embryotoxic effects in humans.
This product is not reported to cause teratogenic effects in humans.
This product is not reported to cause reproductive effects in humans.
This product is not reported to be toxic to aquatic life.

SECTION 12: ECOLOGICAL INFORMATION

The components of this product will degrade over time into a variety of organic compounds.
There is no specific data available for this product on its effects on Plants & Animals.
There is no specific data available for this product on its effect on Aquatic Life.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and Federal hazardous waste laws.

U.S. EPA Characteristic Waste: D001 (ignitability)

SECTION 14: TRANSPORTATION INFORMATION

US Department of Transportation Classification (49CFR)
Identification number UN 1090
Class Division 3
Packing group II
Hazardous subs/material RQ Acetone/ 5,000lb

IMDG
Identification number UN 1090
Class Division 3
Packing group II

IATA
Identification number UN 1090
Class Divison 3
Packing group II

SECTION 15: REGULATORY INFORMATION
United States:

This product complies with the Food and Drug Administration's Cosmetic Regulations. Available animal and clinical data presented in the CIR Expert Panel reports conclude that individual ingredients in this concentration are safe as a cosmetic ingredient.

S2: Keep out of reach of children.

S9: Keep container in a well-ventilated place.

S16: Keep away from sources of ignition — No smoking.

R11: Highly Flammable

R36: Irritating to eyes

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S46: If swallowed, seek medical advice immediately and show this container or label.

R66: Repeated exposure may cause skin dryness or cracking.

Canada Hotlist Designation:

permitted at concentrations equal to or less than 1%.

European Union:

All ingredients in this product are approved for use in cosmetics.

SECTION 16: OTHER INFORMATION

Disclaimer:

This Material Safety Data Sheet is offered pursuant to OSHA’s Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of Star Nail International’s knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to this specific product. If this product is combined with other materials, all components and all properties must be considered. Data may be updated from time to time. Always request the latest MSDS.
Trade Name: N/A  
Chemical Family: N/A  
Proprietary Mix: N/A  

SECTION 2: COMPOSITION and INFORMATION ON INGREDIENTS

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</tr>
</tbody>
</table>

SECTION 3: HAZARD DATA

The vapor is uncomfortable to the eye. Splashes may cause severe eye irritation, possible eye damage. Symptoms of overexposure may include redness, itching, irritation and watering.

SECTION 4: FIRST AID MEASURES

If ingested, call Poison Control Center or local emergency number IMMEDIATELY. Provide an estimate of the time and amount of the substance that was swallowed.

If redness, dryness or other signs of irritation to the skin develop, wash affected skin areas with...
Keep away from sources of ignition -- No smoking

540 C/ 1,004 F
(ASTM D-2155)

Dilute

Boiling Point :
56 C/ 133 f
Physical State:
liquid
Density [Air =1]: > 1
NE
NE
NE
Clear
This product complies with the Food and Drug Administration's cosmetic regulations. Available animal and clinical data presented in the CIR Expert Panel reports concludes that individual ingredients in this product are safe as a cosmetic ingredient in the present practices of use and permitted at concentrations equal to or less than 1%.

All ingredients in this product are approved for use in cosmetics. Other government regulations must be reviewed for applicability to this product.
### MATERIAL SAFETY DATA SHEET

#### SECTION I  Chemical Product and Company Identification

**Trade Name Appearing on Label:** ECO Nail Systems Finishing Wipe  **Chemical Family:** Solvent

**Manufacturer/Distributor/Importers:** Star Nail International, Inc.
29120 Avenue Paine
Valencia, CA 91355

**Prepared By:** Star Nails – Regulatory
**Poison Control Center - Chem Tel:** (813) 248-0573
**Date prepared:** 01/02/14

### SECTION II  Composition, Information or Ingredients

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>%</th>
<th>CAS Number</th>
<th>OSHA (PEL)</th>
<th>ACGIH (TLV)</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazardous Materials:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>98%</td>
<td>67-63-0</td>
<td>400 ppm</td>
<td>400 ppm</td>
<td>500 ppm</td>
</tr>
<tr>
<td>FD&amp;C Blue 1</td>
<td>0.66%</td>
<td>3844-45-9</td>
<td>n/a</td>
<td>n/a</td>
<td></td>
</tr>
</tbody>
</table>

**Exposure Limits in Air**

**HMIS Rating Scale:**

- 0 = Minimal
- 1 = Slight
- 2 = Moderate
- 4 = Severe

**This Products Rating:**

- Health: 2
- Flammability: 3
- Reactivity: 1

**Material Appearance:** Clear light liquid

**Primary Route of Entry:**

- Inhalation X
- Skin X
- Ingestion X

**Ingredient(s) Listed as Cancer Causing Agents?**:

- NTP - no
- LARC Monographs - no
- OSHA - no

**Target Organs Affected:** Respiratory and Nervous systems.

**Short Term Effects:**

**Inhalation:** may cause dizziness if inhaled for a prolonged time

**Eyes:** may cause stinging if product gets into open eyes.

**Skin:** may cause dry skin if exposed repeatedly and over a prolonged period of time.

**Signs and Symptoms of Over-Exposure:** May cause dizziness, irritation to nose & throat. May cause mild irritation to respiratory tract and may result in central nervous system (CNS) depression.

**Medical Conditions Generally Aggravated by Exposure:** Respiratory and Nervous systems, eyes and skin.

### SECTION IV  First Aid Measures

**Eye Contact:** Flush eyes with large amounts of warm water.

**Skin Contact:** Wash with soap and water.
**Inhalation:** If dizziness occurs, remove person to fresh air.

**Ingestion:** If swallowed, do not induce vomiting; transport to nearest medical facility. If vomiting occurs spontaneously, keep head below hips to prevent aspirations, transport to nearest medical facility.

**SECTION V**

**Fire Fighting Measures**

**Flash Point:** 12°C (53°F) TCC

**Flammable Limits in Air %**
- LEL: 2, UEL: 12

**Extinguishing Media:**
- Water Fog X
- Dry Chemical X
- Carbon Dioxide _X
- Foam _X

**Fire Fighting Procedure:** Dry Chemical, foam, Carbon Dioxide or Water spray.

**SECTION VI**

**Accidental Release Measures**

**Spill & Leak Procedures:** Collect with absorbent material and place into trash container.

**SECTION VII**

**Handling and Storage**

**Handling:** Use a fan or exhaust when handling open containers. Do not store in aluminum or equipment.

**Storage:** Store at room temperature. Keep containers closed when not in use. Temperatures above 120°F (49°C)

**SECTION VIII**

**Exposure Controls and Personal Protection**

Use a fan or exhaust when working with open containers. Keep away from Heat and open flame.

**SECTION IX**

**Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Solubility</td>
<td>Soluble</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear</td>
</tr>
<tr>
<td>Physical Form</td>
<td>liquid</td>
</tr>
<tr>
<td>%/Wt. Volatiles</td>
<td>@21°C(69°F): 100%</td>
</tr>
<tr>
<td>pH</td>
<td>n/a</td>
</tr>
<tr>
<td>Odor</td>
<td>Solvent &amp; mild odor</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>(H₂O = 1): 0.79 @ 20°C/4°C</td>
</tr>
<tr>
<td>Boiling Range</td>
<td>49°C / 120°F</td>
</tr>
<tr>
<td>Melting Point</td>
<td>n/a</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>33 @ 21°C / 69°F</td>
</tr>
<tr>
<td>Vapor Density (Air = 1)</td>
<td>2.1 @ 21°C / 69°F</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>(BuAc = 1) 1.4 (Ether = 1)</td>
</tr>
<tr>
<td>Flashpoint</td>
<td>(MEK) -12°C (53°F) TCC</td>
</tr>
</tbody>
</table>

**SECTION X**

**Stability and Reactivity**

**Chemical Stability:** This product is stable under the recommended storage conditions.

**Conditions to avoid:** Heat, Open flame, and sparks form ignition sources. Storage in temperatures above 35°C. Do not store in aluminum equipment at temperatures above 120°F (49°C)

**Contact with Materials to avoid:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon monoxide and unidentified organic compounds may be formed during combustion.

**Hazardous Polymerization:** Will not occur.

**SECTION XI**

**Toxicological Information**
This MSDS is Designed For Use in the Professional Salon

<table>
<thead>
<tr>
<th>LD50 (Oral Rat)</th>
<th>LC50 (Inhal. Rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5840 mg/kg</td>
<td>12000 ppm / 8 hours</td>
</tr>
</tbody>
</table>

Ingestion: Aspiration into lungs when swallowed or vomited may cause chemical pneumonitis.

Eyes: This product may be a temporary eye irritant if it gets into the open eye.

Dermal: May cause dry skin if exposed repeatedly and over a prolonged time.

Inhalation: May cause dizziness, headache or nausea if exposed for a prolonged time.

Overexposure: all of the above

Chronic Effects: n/a

Carcinogenity: Not listed as a carcinogen by IARC, NTP, OSHA, or ACGIH

Target Organs: n/a

SECTION XII  Ecological Information

Ecotoxicity: none

SECTION XIII  Disposal Considerations

Waste Disposal: Dispose of absorbed material in accordance with local, state and federal regulations.

SECTION XIV  Transport Information

Road Transport:
- Class: 3
- Packaging Group: III
- Label: 3
- UN Number: 1219

Maritime Transport:
- Class: 3
- Packaging Group: II
- Label: 3
- Flash Point: 12 C, Method TCC

Air Transport:
- UN No.: ID8000
- Class: 3
- Packaging Group: II
- Packaging instr.: 910 (Passenger)

SECTION XV  Regulatory Information

Labeling:
- Symbol: F
- Indication of Danger: Flammable
- Risk Phrases: Flammable
- DOT Shipping Name: Isopropanol

SECTION XVI  Other Information

IMPORTANT NOTICE: The information presented herein is based on experimental data submitted by the manufacturers of the raw materials and is considered scientifically correct, however, no warrant or representation, express or implied, is made as to the accuracy or suitability of this information for application to the purchaser’s intended purpose or for consequences of its use. Use these materials only as directed. If you have any questions regarding the proper interoperation of this sheet or the meaning of any terms used, we strongly urge you to speak with your physician. For further information concerning product safety and proper use, call the number listed on the front of the MSDS.
These Products Are Designed and Formulated for Professional Salon Use. They Must be Used with Adequate Ventilation and in Accordance with Manufacturers Instructions.

Abbreviations Used:

NE = Not Established  
NKn = Not Known  
n/a = Not Applicable  
C = Ceiling Limit  
TS = Trade Secret  
EST = Estimated  
N/DA = No Data Available  
NTP = National Toxicology Program  
IRAC = International Agency for Research on Cancer  
CHEMTREC = Chemical Transportation Emergency Center  
OSHA = Occupational Safety and Health Administration

IPA = Isopropyl Alcohol (Rubbing Alcohol)  
mm Hg = Millimeters of Mercury  
PEL = Permissible Exposure Limit  
TLV = Threshold Limit Value  
STEL = Short Term Exposure Limit  
NEGL = Negligible  
NF = None Found  
CAS = Chemical Abstract Service Number  
NR = Not Required