

SECTION 1: . PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: STAR NAIL GEL CURE

COMPANY NAME: Star Nail International, Inc.
Address: 29120 Avenue Paine
City,State,Zip: Valencia, CA 91355
Emergency Contact: Chemtel (813) 248-0573 or (800) 255-3924

SECTION 2. HAZARDS IDENTIFICATION & HAZARD DESIGNATION

"F" Highly Flammable

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Clear, Colorless liquid with strong fruity odor.

IMMEDIATE CONCERNS: Highly Flammable. Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapors may cause drowsiness and dizziness.

POTENTIAL HEALTH EFFECTS :

EYES: R36: Irritating to eyes.

SKIN: R66: Repeated exposure may cause skin dryness and cracking.

INGESTION: May cause headache, drowsiness and possible unconsciousness.

INHALATION: Vapors may cause drowsiness and dizziness.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Causes eye irritation.

SKIN: Substance causes moderate skin irritation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE TOXICITY: Vapors may be irritating to eyes, throat and mucous membranes; ingestion may cause headache, drowsiness and possible unconsciousness.

WARNING CAUTION LABELS: Keep out of Reach of Children.

PHYSICAL HAZARDS: R11: Highly Flammable.



3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	EINECS	Classification
ETHYL ACETATE	85-100	141-76-6	205-500-4	Xi, F, R11,R36,R66,R67
DIMETHYLTOLYLAMINE	<0.5	99-97-8	202-805-4	T;R33,R23/24/25; R52/53

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4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

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

INHALATION: Remove to fresh air. Get medical attention if breathing is difficult.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: 1.11°C (30°F) TCC

FLAMMABLE LIMITS: 2 to 11.4

GENERAL HAZARD: Highly flammable. Irritant.

EXTINGUISHING MEDIA: Use dry chemical, foam or carbon dioxide.

EXPLOSION HAZARDS: Vapors can travel to a source of ignition and flash back.

FIRE FIGHTING PROCEDURES: Avoid using large quantities of water.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide or carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

LARGE SPILL: Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on adsorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal. After all visible traces, including ignitable vapors, have been removed thoroughly wet vacuum the area. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: This product is readily biodegradable. Do not release into surface waters.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid breathing of vapors. Use only in well ventilated areas. When handling, do not eat, drink or smoke.

HANDLING: S51: Use only in well-ventilated areas.

STORAGE: S3/9: Keep in a cool, well ventilated place and Keep away from sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)

EXPOSURE LIMITS

Chemical Name	OSHA PEL		ACGIH TLV		SupplierOEL	
	ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Ethyl Acetate	TWA	400 ppm NL	400	ppm NL		NL NL
	STEL	NL NL		NL NL		NL NL

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Avoid contact with eyes

SKIN: S37: Wear suitable gloves

RESPIRATORY: Use only in a well-ventilated area.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Strong fruity odor.

APPEARANCE: Transparent, colorless liquid.

VAPOR PRESSURE: 73 mmHg at 200°C (392°F)

VAPOR DENSITY: 3 (Air=1)

BOILING POINT: 770°C (1710°F)

MELTING POINT: Not Established

FLASHPOINT AND METHOD: 1.11°C (30°F) TCC

SOLUBILITY IN WATER: Slightly soluble.

EVAPORATION RATE: 4.5 (n-Butyl Acetate=1)

SPECIFIC GRAVITY: 0.900 (water=1)

VISCOSITY #1: < 5 Centipoise

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

CONDITIONS TO AVOID: Heat, sparks & flame
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide
INCOMPATIBLE MATERIALS: Strong oxidizing agents, acids and bases

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Irritating to eyes.

SKIN EFFECTS: Irritating to skin.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: This product is readily biodegradable. Do not release into surface waters.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: S56: Dispose of this material and its container to hazardous or special waste collection point.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Consumer Commodity, ORM-D.

AIR (ICAO/IATA)

SHIPPING NAME: Ethyl Acetate

UN/NA NUMBER: 1173

PRIMARY HAZARD CLASS/DIVISION: 3

PACKING GROUP: II

NOTE: Consumer Commodity, ID 8000, 9, label Package Orientation (Arrows Up). Max per unit 25 KG.G.

VESSEL (IMO/IMDG)

SHIPPING NAME: Ethyl Acetate

UN/NA NUMBER: 1173

PRIMARY HAZARD CLASS/DIVISION: 3.2

PACKING GROUP: II

15. REGULATORY INFORMATION

UNITED STATES

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Ethyl Acetate	85 - 100	5000 lbs.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS	TSCA SECTION
Ethyl Acetate	141-78-6	12b,

TSCA STATUS: All ingredients in this mixture are in compliance with TSCA.

EUROPEAN COMMUNITY

EEC LABEL SYMBOL AND CLASSIFICATION

"F" - Highly flammable



16. OTHER INFORMATION

RELEVANT R-PHRASES: : Highly flammable. R36: Irritating to eyes.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapors may cause drowsiness and dizziness.

R33: Danger of cumulative effects.

R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

MANUFACTURER DISCLAIMER: This information is believed to be reliable and accurate, as of the date indicated. It is supplied on the condition that recipients will make their own determination as to its suitability and completeness for their purpose All Season Professional assumes no responsibility for any damages resulting from reliance on this information.

MATERIAL SAFETY DATA SHEET

Preparation Date:01/02/2014

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Section 1

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

For Chemical Emergency Only:
(813)248-0573 or
(800)255-3924

PRODUCT IDENTIFICATION:

Star Nail Brush Saver

HAZARD RATING

3
1 x 3

Section 2 - HAZARDOUS INGREDIENTS INFORMATION:

Hazardous Components (Common Names, CAS Number)	OSHA PEL	ACGIH TLV	OTHER LIMITS	% OPTION
Nitroethane (79-24-3)	100ppm	100ppm		80-100
Balance - other non-hazardous proprietary ingredients.				

- This ingredient is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

Section 3 - PHYSICAL/CHEMICAL CHARACTERISTICS:

Boiling Point: 237 F Specific Gravity (H₂O=1): 1.05
Vapor Density (Air=1): 2.58 Melting Point: NE
Vapor Pressure (mm Hg): 15.6 Evaporation Rate (Butyl acetate = 1): 1.2
Solubility in Water: Slightly soluble.
Appearance & Odor: Transparent blue colored liquid with mild odor.

Section 4 - FIRE AND EXPLOSION HAZARD DATA:

Flash Point (Method): 87 F (TCC) Flammable Limits: LEL: 4.0% UEL:
NE



Extinguishing Media: Water spray, foam or carbon dioxide or dry chemical (Triclass ABC-rated) extinguishers.

Special Fire Fighting Procedures: Flammable/combustible. Firefighters should use self-contained breathing apparatus and protective clothing. Use water to wet down tanks/containers to prevent rupture. Avoid breathing vapors.

Unusual Fire and Explosion Hazards: Vapors may travel distance to ignition source and flash back. Toxic fumes emitted/container explosions possible under fire conditions.

Section 5 - REACTIVITY DATA:

Stability: Stable XX Conditions to Avoid: Extreme shock under heavy confinement at high temperatures.

Incompatibility (Materials to Avoid): Lead, copper or their alloys, strong alkali.

Hazardous Decomposition Products: Oxides of carbon and nitrogen.

Hazardous Polymerization: May Not Occur XX

Section 6 - HEALTH HAZARD DATA:

Route(s) of Entry: Inhalation: Yes Skin: Yes Ingestion: (rat) LD₅₀=1100mg/kg
Health Hazards (Acute and Chronic):



Acute - irritation to skin/eyes; inhalation may cause headache, nausea, vomiting, narcosis.
Chronic - overexposure may cause liver and kidney damage.

MATERIAL SAFETY DATA SHEET: Star Nail Brush Saver & Liquid Tip Resolve

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Carcinogenicity: NTP: No IARC Monographs: No OSHA Regulated: No

First Aid Procedures:

Eye contact - Immediately flush eye with copious amounts of water for 15 minutes.

Skin contact - Irritation upon direct contact. Remove contaminated clothing and wash affected areas with soap and water.

Inhalation - Remove to fresh air. Perform artificial respiration if breathing has stopped.

Ingestion - If conscious, give victim several glasses of water and attempt to induce vomiting by placing his finger down his throat. Get medical attention.

Medical Conditions Generally Aggravated by Exposure: None known.

Section 7 - PRECAUTIONS FOR SAFE HANDLING AND USE:

Steps to Be Taken in Case Material is Released or Spilled: Remove all sources of ignition and ventilate area. Personnel wearing protective equipment appropriate to the size of the spill may then contain it and absorb it on paper towels. Large spills should be recovered. Do not allow liquid to enter sewers.

Waste Disposal Method: Under RCRA, this product exhibits the characteristic of ignitability (D001) and is regulated as a hazardous waste. Dispose of in accordance with applicable federal, state, and local regulations.

Precautions to Be Taken in Handling and Storing: Keep away from heat and flame. Keep containers closed. Ground all metal containers when transferring liquid. Use only with adequate ventilation.

Other Precautions: Best stored in stainless steel or aluminum away from heat.

Section 8 - CONTROL MEASURES:

Respiratory Protection (Specify Type): NIOSH approved organic vapor canister in absence of proper ventilated environment.

Ventilation: Local Exhaust: Good Mechanical (General): As needed.

Protective Clothing or Equipment: Self-contained breathing apparatus should be worn in emergency situations where high vapor concentration occurs. Safety glasses/goggles, rubber gloves and protective clothing to avoid direct contact.

Work/Hygienic Practices: Avoid direct contact with eyes/skin. Wear protective safety equipment as necessary to minimize contact. Wash hands with soap and water and launder contaminated clothing before reuse.

NE = Not established

The data contained herein is based upon information that Star Nail International believes to be reliable. Users of this product have the responsibility to determine the suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT	CAS #	STD	
Ethyl Cyanoacrylate	7085-85-0	OES (EH40UK/2002)	1.5 mg/m ³ (15 min)

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MATERIAL SAFETY DATA SHEET

PRODUCT: Star Nail Brush-On Resin

PERSONAL PROTECTION: Polyethylene or polypropylene gloves for prolonged or repeated contact.

VENTILATION: Use with adequate ventilation.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance: Liquid	Melting Point (C):	NE (not established)
Color/Odor: Clear/stimulative odor	Boiling Point (C):	185
Solubility in water: Polymerizes to hard mass	Viscosity (cps):	Nominal 5
Specific Gravity (Water=1): 1.06	pH Value:	NE
Evaporation Rate (BuAc=1): NE	Vapor Pressure @ 23C (mm Hg):	1mm
Flash Point (C)/method: 85/TCC	Vapor Density (Air=1):	NE
Flammability Limit: Lower: NE % Upper: NE %		

SECTION 10: STABILITY & REACTIVITY

STABILITY: Stable up to 50 C (122 F). Ideal storage: 5-10 C (41-50 F). Avoid excessive heat above 80 C (176 F). Polymerized by water, alcohol, amines, alkaline materials and direct UV.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion will produce carbon dioxide, carbon dioxide, oxides of nitrogen and probably hydrogen cyanide.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute exposure with prolonged or repeated contact with eyes/skin at elevated levels may produce allergic reactions (asthma-like symptoms), dermatitis or sensitization in sensitive individuals. No known residual effects of acute properties. Fumes irritate eyes and mucous membranes.

SECTION 12: ECOLOGICAL INFORMATION

No known ecological effects of polymerized product.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Polymerize product with water. Solid material may be scraped from surface. Incinerate solid combustible waste or dump as chemical waste according to Local Authority requirements via a licensed waste contractor.

SECTION 14: TRANSPORT INFORMATION

Proper shipping name: not regulated

UN/Air/Sea/Rail: unrestricted

SECTION 15: REGULATORY INFORMATION LABEL FOR SUPPLY: X (irritant)

RISK PHRASES: R-36/37/38 Irritating to eyes, respiratory system and skin.

SAFETY PHRASES:

S24/25 Avoid contact with skin and eyes.

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



S46* If swallowed seek medical advice immediately and show this container label.

S51 Use only in well ventilated area.

SPECIAL LABELLING PHRASE*: **Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.**

* Obligatory Safety Phrases for labeling.

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MATERIAL SAFETY DATA SHEET

PRODUCT: Star Nail Brush-On Resin

REGULATORY REFERENCES: Classification, packaging and labeling regulations 1984, Sax's Dangerous Properties of Industrial Materials 1992, NIOSH Guide to Occupational Exposure Values 1994. Substances and Preparations Directives, CHIP 3.

GUIDANCE NOTES: INFORMATION CONTAINED HEREIN DOES NOT CONSTITUTE THE USER'S OWN ASSESSMENT OF WORKPLACE RISK AS MAY BE REQUIRED BY OTHER HEALTH AND SAFETY LEGISLATION.

SECTION 16: OTHER INFORMATION

Current Version indicates a change to Section #15 – Obligatory Safety Phrases for labeling, per CHIP 3.

R-phrases used in document:

R-36/37/38 Irritating to eyes, respiratory system and skin.



Star Nail International, INC. MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL NAME: Methacrylate Copolymer

PRODUCT NAME: So Fine Acrylic Dip Powder-Clear

PRODUCT USE: Organic Process Chemical

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

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

PREPARATION/UPDATE DATE: 01/02/2014
PRINT DATE: 6/9/14
MSDS ID: P7-01

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

FOR POLYMER:

ITEM	CHEMICAL NAME	CAS NUMBER:	WT/WT %
01	Polymer	25685-29-4	60.0-100.0

ITEM	ACGIH		OSHA		Company Recommendation	SKIN
	TLV-TWA	TLV-STEL	PEL TWA	PEL CEILING		
01	10 mg/m ³	NE	15 mg/m ³	NE	15 mg/m ³	NE

See Section 16 for Abbreviations.

SECTION 3 - HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:****WARNING:**

For Polymer:

Acute Hazards:

Eyes:

OSHA classifies this material as Particulates, Not Otherwise Classified.

May be irritating to the eyes by gross overexposure, no matter how generated. Symptoms of overexposure may include redness, itching, irritation and watering. Keep dust out of eyes.

Ingestion:

Not expected to cause any harmful effects. Ingestion of large amounts may be irritating if product is swallowed, may cause nausea, headache, vomiting and/or diarrhea. May be irritating to skin in some sensitive individuals, especially after prolonged and/or repeated contact.

Skin:

Inhalation:

May be irritated by gross overexposure, no matter how generated.

Chronic Hazards:

None known.

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:	304 ° C, 580 ° F
FLAMMABLE LIMIT, AIR VOL% LOWER:	NA
UPPER:	NA
AUTOIGNITION TEMPERATURE:	NE
EXTINGUISHER METHOD:	Water, carbon dioxide, dry chemical.
FIRE AND EXPLOSION HAZARDS:	Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust.
SPECIAL FIRE FIGHTING PROCEDURES:	Avoid extinguishing methods, which may generate dust clouds. Water stream can disperse dust into air producing a fire hazard and possible explosion hazard if exposed to ignition source.
EXPLOSION HAZARD:	Firefighters should wear self-contained breathing apparatus.
SENSITIVE TO MECHANICAL IMPACT:	For Polymer: No.
SENSITIVE TO STATIC DISCHARGE:	For Polymer: 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). Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills. Dispose of properly 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.
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SECTION 7- HANDLING AND STORAGE

PRECAUTIONS FOR HANDLING:	Use in well ventilated areas. Avoid contact with skin, eyes and clothing. Avoid breathing dust. Use good personal hygiene and housekeeping.
PRECAUTIONS FOR STORAGE:	Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Keep container closed to prevent water absorption and contamination.
INDUSTRIAL HYGIENE PRACTICES:	Avoid prolonged contact with the product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). 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:	When working with large quantities of product provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes. Use good local exhaust at processing equipment, including buffers, sanders, grinders and polishers.
RESPIRATORY PROTECTION:	No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.
EYE PROTECTION:	Depending on the use of this product safety glasses or goggles may be worn. If necessary, refer to U.S. OSHA 29 CFR §1910.133, Canadian standards, or the European Standard EN166. 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 gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states.
OTHER PROTECTIVE EQUIPMENT:	No special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the E.C. member states, or U.S. OSHA. An eyewash station and a safety shower are recommended. High temperature processing equipment should be well ventilated.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Fine clear to pigmented powder.
ODOR:	Faint odor in bulk.
pH:	NA
ODOR THRESHOLD:	ND
BOILING POINT:	NA
FREEZING POINT:	NA
VISCOSITY:	NA
SPECIFIC GRAVITY (H₂O=1):	ND
VAPOR PRESSURE:	NA
PERCENT VOLATILE W/W%:	NA
VAPOR DENSITY (AIR=1):	NA
EVAPORATION RATE (BuAc =1):	NA
SOLUBILITY IN WATER:	Insoluble.
COEFFICIENT OF WATER/OIL DISTRIBUTION:	ND

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID:	Heating above 240 ° C, 464 ° F.		
INCOMPATIBILITY (MATERIALS TO AVOID):	Strong oxidizing agents.		
HAZARDOUS DECOMPOSITION PRODUCTS:	Methacrylate Monomer and Oxides of Carbon when burned.		
HAZARDOUS POLYMERIZATION:	MAY OCCUR:	WILL NOT OCCUR:	X
STABILITY:	UNSTABLE:	STABLE:	X

SECTION 11- TOXICOLOGICAL PROPERTIES

TOXICITY DATA:

This product has NOT been tested on animals to obtain toxicology data. There is 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:	Dispose of properly 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: POLYMER, NOI
DOT/UN CLASS:
NA/UN NUMBER:
PACKING GROUP:
LABEL:
IMDG CLASS:
IMDG PG:
CERCLA RQ:

SECTION 15 - REGULATORY INFORMATION

SARA Reporting Requirements:	NA	
SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.	
TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory. For use in FDA regulated products only.	
CERCLA Reportable Quantity (RQ):	NA	
Other Federal Requirements:	This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics).	
Other Canadian Regulations:	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. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List.	
State Regulatory Information:	This product may contain components that are covered under specific state criteria.	
RISK STATEMENTS:	R36/37/38 – Irritating to eyes, respiratory system and skin.	
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:

HEALTH:	1
FLAMMABILITY:	1
REACTIVITY:	0
PERSONAL PROTECTIVE EQUIPMENT:	Gloves and Safety Glasses or Chemical Goggles.

**NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD IDENTIFICATION RATING:**

HEALTH:	1
FLAMMABILITY:	1
REACTIVITY:	0

ABBREVIATIONS:

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

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

SECTION 16 - OTHER INFORMATION CONTINUED

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.