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## SECTION 1) CHEMICAL PRODUCT AND SUPPLIER'S IDENTIFICATION

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**Product ID:** .40806  
**Product Name:** 106 GLO ENAMEL  
**Revision Date:** Jun 26, 2017 **Date Printed:** Jun 26, 2017  
**Version:** 3.0 **Supersedes Date:** Dec 14, 2016  
**Manufacturer's Name:** Repolite Paints, Inc.  
**Address:** 473 West 17th Street Holland, MI, US, 49423  
**Emergency Phone:** 800-535-5053  
**Information Phone Number:** 616-396-1275  
**Fax:** 616-396-9654

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## SECTION 2) HAZARDS IDENTIFICATION

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### Classification

Specific Target Organ Toxicity - Repeated Exposure - Category 1  
Aspiration Hazard - Category 1  
Skin Irritation - Category 3  
Eye Irritation - Category 2A  
Skin Sensitizer - Category 1  
Germ Cell Mutagenicity - Category 1B  
Carcinogenicity - Category 1B  
Reproductive Toxicity - Category 2  
Chronic aquatic toxicity - Category 2  
Flammable Liquids - Category 2

### Pictograms



### Signal Word

Danger

### Hazardous Statements - Health

H372 - Causes damage to organs through prolonged or repeated exposure.  
H304 - May be fatal if swallowed and enters airways  
H316 - Causes mild skin irritation  
H319 - Causes serious eye irritation  
H317 - May cause an allergic skin reaction  
H340 - May cause genetic defects.  
H350 - May cause cancer  
H361 - Suspected of damaging fertility or an unborn child.

### Hazardous Statements - Physical

H225 - Highly flammable liquid and vapor

## **Hazardous Statements - Environmental**

H411 - Toxic to aquatic life with long lasting effects

## **Precautionary Statements - General**

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

## **Precautionary Statements - Prevention**

P260 - Do not breathe dust/fume/gas/mist/vapors/spray.

P264 - Wash thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P273 - Avoid release to the environment.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 - Keep container tightly closed.

P240 - Ground/bond container and receiving equipment.

P241 - Use explosion-proof [electrical/ventilating/lighting/...] equipment.

P242 - Use only non-sparking tools.

P243 - Take action to prevent static discharges.

## **Precautionary Statements - Response**

P301 + P314 - IF SWALLOWED: Get Medical advice/attention if you feel unwell.

P310 - Immediately call a POISON CENTER or doctor.

P331 - Do NOT induce vomiting.

P332 + P313 - If skin irritation occurs: Get medical advice/attention.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists: Get medical advice/attention.

P302 + P352 - IF ON SKIN: Wash with plenty of water.

P333 + P313 - If skin irritation or a rash occurs: Get medical advice/attention.

P321 - For specific treatment see section 4.

P362 + P308 + P364 - Take off contaminated clothing. IF exposed or concerned: And wash it before reuse.

P313 - Get medical advice/attention.

P308 + P313 - IF exposed or concerned: Get medical advice/attention.

P391 - Collect spillage.

P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P370 + P378 - In case of fire: Use dry chemical, foam, or carbon dioxide to extinguish.

## **Precautionary Statements - Storage**

P405 - Store locked up.

P403 + P235 - Store in a well-ventilated place. Keep cool.

## **Precautionary Statements - Disposal**

P501 - Dispose of contents/container to disposal recycling center. Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

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**SECTION 3) COMPOSITION, INFORMATION ON INGREDIENTS**

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CAS	Chemical Name	% By Weight
proprietary	alkyd resin non volatiles	36% - 60%
0008052-41-3	STODDARD SOLVENT	30% - 50%
0000136-51-6	CALCIUM 2-ETHYLHEXANOATE	0.1% - 1.4%
0064742-95-6	AROMATIC HYDROCARBON MIXTURE >C9	0.1% - 1.3%
0000096-29-7	2-BUTANONE OXIME	0.0% - 0.5%
0000107-98-2	PROPYLENE GLYCOL MONOMETHYL ETHER	0.0% - 0.3%
0001330-20-7	XYLENE	0.0% - 0.3%
0000100-41-4	ETHYLBENZENE	Trace
0064742-82-1	NAPHTHA (PETROLEUM) HYDRODESULFURIZED	Trace
0000149-57-5	2-ETHYLHEXANOIC ACID	Trace

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

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**SECTION 4) FIRST-AID MEASURES**

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**Inhalation**

Remove source of exposure or move person to fresh air and keep comfortable for breathing.

IF exposed or concerned: Get medical advice/attention.

Eliminate all ignition sources if safe to do so.

**Skin Contact**

Take off all contaminated clothing, shoes, and leather goods (e.g., watchbands, belts). Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. If skin irritation or rash occurs: Get medical advice/attention.

Store contaminated clothing under water and wash before re-use (or discard).

**Eye Contact**

Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

**Ingestion**

Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position.

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**SECTION 5) FIRE-FIGHTING MEASURES**

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**Suitable Extinguishing Media**

Dry chemical, foam, or carbon dioxide is recommended. Water spray is recommended to cool or protect exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.

**Unsuitable Extinguishing Media**

No data available.

**Specific Hazards in Case of Fire**

Vapors are heavier than air and may travel along the ground to ignition sources at locations distant from material handling point.

Vapor accumulations and spray mist may flash or explode if ignited.

Closed containers may rupture due to pressure buildup when exposed to extreme heat.

**Fire-fighting Procedures**

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

**Special Protective Actions**

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

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## SECTION 6) ACCIDENTAL RELEASE MEASURES

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### Emergency Procedure

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).  
Do not touch or walk through spilled material.  
Isolate hazard area and keep unnecessary people away. Remove all possible sources of ignition in the surrounding area. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.  
If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated.

### Recommended Equipment

Positive pressure, full-face piece self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved).

### Personal Precautions

Avoid breathing vapor. Avoid contact with skin, eye or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

### Environmental Precautions

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

### Methods and Materials for Containment and Cleaning up

Dike area to contain spill.  
Absorb spill with inert absorbent.

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## SECTION 7) HANDLING AND STORAGE

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### General

Wash hands after use.  
Do not get in eyes, on skin or on clothing.  
Do not breathe vapors or mists.  
Use good personal hygiene practices.  
Eating, drinking and smoking in work areas is prohibited.  
Remove contaminated clothing and protective equipment before entering eating areas.  
Eyewash stations and showers should be available in areas where this material is used and stored.

### Ventilation Requirements

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

### Storage Room Requirements

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight, strong oxidizers and any incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty containers retain residue and may be dangerous.  
Use non-sparking ventilation systems, approved explosion-proof equipment and intrinsically safe electrical systems in areas where this product is used and stored.

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## SECTION 8) EXPOSURE CONTROLS, PERSONAL PROTECTION

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### Eye Protection

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

### Skin Protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

### Respiratory Protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers.

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced.

### Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

A suitable, NIOSH-approved respirator and goggles should be worn when standing or grinding objects coated with this paint.

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (ppm)	OSHA STEL (mg/m3)	OSHA Tables (Z1, Z2, Z3)	OSHA Carcinogen	OSHA Skin designation	ACGIH TWA (ppm)	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)	ACGIH Carcinogen
2-ETHYLHEXANOIC ACID									5 (IFV)			
AROMATIC HYDROCARBON MIXTURE >C9	500	2000			1							
ETHYLBENZENE	100	435			1			20				A3
NAPHTHA (PETROLEUM) HYDRODESULFURIZED	500	2000			1							
PROPYLENE GLYCOL MONOMETHYL ETHER								50		100		A4
STODDARD SOLVENT	500	2900			1			100	572			
XYLENE	100	435			1			100	434	150	651	A4

Chemical Name	ACGIH Notations	ACGIH TLV Basis
2-ETHYLHEXANOIC ACID		Teratogenic eff
AROMATIC HYDROCARBON MIXTURE >C9		
ETHYLBENZENE	A3; BEI	URT irr; Kidney dam (nephropathy); Cochlear impair
NAPHTHA (PETROLEUM) HYDRODESULFURIZED		
PROPYLENE GLYCOL MONOMETHYL ETHER	A4	Eye & URT irr
STODDARD SOLVENT		Eye, skin, & kidney dam; nausea; CNS impair
XYLENE	A4; BEI	URT & eye irr; CNS impair

(C) - Ceiling limit, (IFV) - Inhalable fraction and vapor, A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans, A4 - Not Classifiable as a Human Carcinogen, BEI - Substances for which there is a Biological Exposure Index or Indices, CNS - Central nervous system, dam - Damage, eff - Effects, impair - Impairment, irr - Irritation, URT - Upper respiratory tract

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## SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

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### Physical and Chemical Properties

Density	7.74713 lb/gal
% Solids By Weight	58.59420%
% VOC	41.33496%
Density VOC	3.20227 lb/gal
VOC Regulatory	3.15331 lb/gal
VOC Regulatory	377.86106 g/l

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Appearance	N/A
Odor Threshold	N/A
Odor Description	N/A
pH	N/A
Water Solubility	N/A
Flammability	N/A
Flash Point Symbol	N/A
Flash Point	N/A
Viscosity	N/A
Lower Explosion Level	N/A
Upper Explosion Level	N/A
Vapor Pressure	N/A
Vapor Density	NA
Freezing Point	N/A
Melting Point	N/A
Low Boiling Point	N/A
High Boiling Point	N/A
Auto Ignition Temp	N/A
Decomposition Pt	N/A
Evaporation Rate	N/A
Coefficient Water/Oil	N/A

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## SECTION 10) STABILITY AND REACTIVITY

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### Stability

Stable.

### Conditions to Avoid

Excessive heat.

### Hazardous Reactions/Polymerization

No data available.

### Incompatible Materials

Strong oxidizers.

### Hazardous Decomposition Products

May produce fumes when heated to decomposition.

Fumes may contain carbon monoxide and carbon dioxide.

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**SECTION 11) TOXICOLOGICAL INFORMATION**

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**Acute Toxicity**

No Data Available

**Specific Target Organ Toxicity - Single Exposure**

No Data Available

**Aspiration Hazard**

May be fatal if swallowed and enters airways

**Carcinogenicity**

May cause cancer

**Germ Cell Mutagenicity**

May cause genetic defects.

**Reproductive Toxicity**

Suspected of damaging fertility or an unborn child.

**Respiratory/Skin Sensitization**

May cause an allergic skin reaction

**Serious Eye Damage/Irritation**

Causes serious eye irritation

**Skin Corrosion/Irritation**

Causes mild skin irritation

**Specific Target Organ Toxicity - Repeated Exposure**

Causes damage to organs through prolonged or repeated exposure.

**0000100-41-4 ETHYLBENZENE**

LC50 (inhalation, rat): 4000 ppm; 4-hour exposure (3)

LD50 (oral, rat): 3.5 g/kg (1,3,5,10)

LD50 (oral, rat): 4.72 g/kg (3,5,7,8)

LD50 (dermal, rabbit): 17.8 g/kg (11)

**0000107-98-2 PROPYLENE GLYCOL MONOMETHYL ETHER**

LC50 (rat): 15000 ppm; 4-hr exposure (2)

LC50 (guinea pig): 15000 ppm; 10-hr exposure (2)

LD50 (oral, rat): 6.6 g/kg (5.2-7.5 g/kg) (10)

LD50 (oral, mouse): 10.7-10.8 g/kg (2,12)

LD50 (oral, dog): 4.6-5.5 g/kg (2); approximately 9.2 g/kg (2)

LD50 (oral, rabbit): 5.2-5.3 g/kg (2,12)

LD50 (dermal, rabbit): 13-14 g/kg (10)

**0001330-20-7 XYLENE**

LC50 (rat): 6350 ppm (4-hour exposure) (unspecified isomers and ethylbenzene) (1) LC50 (rat): 6700 ppm (4-hour exposure) (65% m-xylene, 7.6% o-xylene, 7.8% p-xylene, 19.3% ethylbenzene) (2) ethylbenzene) (1)

LC50 (rat): 6700 ppm (4-hour exposure) (65% m-xylene, 7.6% o-xylene, 7.8% p-xylene, 19.3% ethylbenzene) (2)

LD50 (oral, rat): 5400 mg/kg (52% m-, 19% o-, 24% p-) (1) LD50 (oral, female mouse): 5251 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)

LD50 (oral, male mouse): 5627 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)

LD50 (dermal, rabbit): 12180 mg/kg (m-xylene); greater than 1700 mg/kg (mixed xylenes - undefined composition) (3)

LD50 (oral, female mouse): 5251 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)

LD50 (oral, male mouse): 5627 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)

LD50 (dermal, rabbit): 12180 mg/kg (m-xylene); greater than 1700 mg/kg (mixed xylenes - undefined composition) (3)

**0008052-41-3 STODDARD SOLVENT**

LC50 (rat): greater than 5500 mg/m<sup>3</sup> (880 ppm) (whole body exposure for 4 hours) (1)

LC50 (rat): greater than 8200 mg/m<sup>3</sup> (1300 ppm) (2)

LD50 (oral, rat): greater than 5 g/kg (1)

LD50 (dermal, rabbit): greater than 3 g/kg (1)

**Chronic Exposure****0000100-41-4 ETHYLBENZENE**

CARCINOGENIC EFFECTS: Ethyl Benzene has been listed by IARC as Group 2B, Possibly Carcinogenic to Humans.

TERATOGENIC EFFECTS: Ethyl Benzene has been Classified as POSSIBLE for humans.

0001330-20-7 XYLENE

High exposure to Xylenes in some animal studies have been reported to cause health effects on the developing embryo/fetus.

Xylene in high concentrations has caused embryotoxic effects in laboratory animals.

#### Potential Health Effects - Miscellaneous

0000100-41-4 ETHYLBENZENE

Is an IARC, NTP or OSHA carcinogen. Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, kidneys, liver, lungs. Recurrent overexposure may result in liver and kidney injury. Studies in laboratory animals have shown reproductive, embryotoxic and developmental effects. WARNING: This chemical is known to the State of California to cause cancer.

0000107-98-2 PROPYLENE GLYCOL MONOMETHYL ETHER

Tests in laboratory animals have shown effects on any of the following organs/systems: kidneys, liver. Aspiration may occur during swallowing or vomiting, resulting in lung damage.

0001330-20-7 XYLENE

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: bone marrow, cardiovascular system, central nervous system, kidneys, liver, lungs. Recurrent overexposure may result in liver and kidney injury. High exposures may produce irregular heart beats. Canada classifies Xylene as a developmental toxin as high exposures to xylenes in some animal studies have been reported to cause health effects on the developing fetus/embryo. These effects were often at levels toxic to the adult animal. The significance of these effects to humans is not known. Repeated or prolonged skin contact may cause any of the following: irritation, dryness, cracking of the skin.

0064742-95-6 AROMATIC HYDROCARBON MIXTURE >C9

The following medical conditions may be aggravated by exposure: skin disorders. Laboratory studies with rats have shown that petroleum distillates can cause kidney damage and kidney or liver tumors. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumors.

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## SECTION 12) ECOLOGICAL INFORMATION

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### Bio-accumulative Potential

No data available.

### Persistence and Degradability

No data available.

### Mobility in Soil

No data available.

### Other adverse effects

No data available.

### Toxicity

Toxic to aquatic life with long lasting effects

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## SECTION 13) DISPOSAL CONSIDERATIONS

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### Waste Disposal

Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

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## SECTION 14) TRANSPORT INFORMATION

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### U.S. DOT Information

Proper Shipping Name: PAINT  
Identification Number : UN/NA 1263  
Hazard Class:3  
Packing group: II



**IMDG Information**

Proper Shipping Name: PAINT  
 Identification Number : UN/NA 1263  
 Hazard Class:3  
 Packing group: II  
 Marine Pollutant : No data available

**IATA Information**

Proper Shipping Name: PAINT  
 Identification Number : UN/NA 1263  
 Hazard Class:3  
 Packing group: II

**SECTION 15) REGULATORY INFORMATION****REGULATORY INFORMATION**

TSCA Inventory: All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

Canada Domestic Substances List: All components of this product are listed on the Domestic Substances List

CAS	Chemical Name	% By Weight	Regulation List
proprietary	alkyd resin non volatiles	36% - 60%	SARA312
0008052-41-3	STODDARD SOLVENT	30% - 50%	Canada_NPRI,DSL,SARA312,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0000136-51-6	CALCIUM 2-ETHYLHEXANOATE	0.1% - 1.4%	DSL,SARA312
0064742-95-6	AROMATIC HYDROCARBON MIXTURE >C9	0.1% - 1.3%	Canada_NPRI,DSL,SARA312
0000096-29-7	2-BUTANONE OXIME	0.0% - 0.5%	DSL,SARA312
0000107-98-2	PROPYLENE GLYCOL MONOMETHYL ETHER	0.0% - 0.3%	DSL,SARA312,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0001330-20-7	XYLENE	0.0% - 0.3%	SARA313, Canada_NPRI,DSL,HAPS,SARA312,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0000100-41-4	ETHYLBENZENE	Trace	SARA313, Canada_NPRI,DSL,HAPS,SARA312,CA_Carcinogen,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0064742-82-1	NAPHTHA (PETROLEUM) HYDRODESULFURIZED	Trace	DSL,SARA312
0000149-57-5	2-ETHYLHEXANOIC ACID	Trace	DSL,SARA312

The information in this Section does not list components that might have relevant Canada\_NPRI, DSL, HAPS, SARA312, SARA313, WI\_NR438 - WI\_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS regulatory values, if they are present at less than 10%. Please contact manufacturer for more information.

**SECTION 16) OTHER INFORMATION****General**

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

**Other Special Consideration**

\* There are points of differences between OSHA GHS and UN GHS. In 90% of the categories, they can be used interchangeably, but for the Skin Corrosion/Irritant Category and the Specific Target Organ Toxicity (Single and Repeated Exposure) Categories. In these cases, our system will say UN GHS.

## HMIS

Health	/ 2
FLAMMABILITY	2
Physical Hazard	0
Personal Protection	X

( \* ) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks

### Version 3.0:

Revision Date: Jun 26, 2017

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