

# SAFETY DATA SHEET

# SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

Product ID: 7365

Product Name: Metacryl 2K Epoxy Activator

Revision Date: Jan 09, 2019 Date Printed: May 24, 2019

Version: 1.0 Supersedes Date: N.A.

Supplier's Name: Axalta Coating Systems LLC

Address: Applied Corporate Center

50 Applied Bank Boulevard, Suite 300 Glenn Mills, PA, US, 19342

Emergency Phone: CHEMTREC: 1-800-424-9300

Information Phone Number: 1-855-6-AXALTA

Fax:

Product/Recommended Uses: Industrial Applications

# **SECTION 2) HAZARDS IDENTIFICATION**

#### Classification

Flammable Liquids - Category 3

Reproductive Toxicity - Category 2

Serious Eye Damage - Category 1

Skin Irritation - Category 2

Specific Target Organ Toxicity - Repeated Exposure - Category 2

Specific Target Organ Toxicity -Single Exposure (Narcotic Effects) - Category 3

Specific Target Organ Toxicity -Single Exposure (Respiratory Tract Irritation) - Category 3

# **Pictograms**









Signal Word

Danger

#### **Hazardous Statements - Health**

H361 - Suspected of damaging fertility or the unborn child

H318 - Causes serious eye damage.

H315 - Causes skin irritation.

H373 - May cause damage to organs through prolonged or repeated exposure.

H336 - May cause drowsiness or dizziness.

H335 - May cause respiratory irritation.

#### **Hazardous Statements - Physical**

H226 - Flammable liquid and vapor.

#### **Precautionary Statements - General**

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- 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**

- 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.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P264 Wash hands thoroughly after handling.
- P260 Do not breathe dust/fume/gas/mist/vapors/spray.
- P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
- P271 Use only outdoors or in a well-ventilated area.

#### **Precautionary Statements - Response**

- 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 carbon-dioxide, alcohol foam, water spray or dry chemical to extinguish.
- P308 + P313 IF exposed or concerned: 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.
- P310 Immediately call a POISON CENTER or doctor.
- P302 + P352 IF ON SKIN: Wash with plenty of water.
- P321 Specific treatment (see first-aid on this label).
- P332 + P313 If skin irritation occurs: Get medical advice/attention.
- P362 + P364 Take off contaminated clothing. And wash it before reuse.
- P314 Get Medical advice/attention if you feel unwell.
- P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P312 Call a POISON CENTER or doctor, if you feel unwell.
- P340 Remove person to fresh air and keep comfortable for breathing.

### **Precautionary Statements - Storage**

- P403 + P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.

### **Precautionary Statements - Disposal**

P501 - Dispose of contents/container in accordance with local/national/international regulation. Under RCRA it is the responsibility of the user of the products 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.

# **Hazards Not Otherwise Classified (HNOC)**

None

### **SECTION 3) COMPOSITION / INFORMATION ON INGREDIENTS**

CAS	Chemical Name	% By Weight
0000071-36-3	N-BUTYL ALCOHOL	28% - 66%

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**TOLUENE** 

13% - 18%

0.0% - 0.7%

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

### **SECTION 4) FIRST-AID MEASURES**

#### Inhalation

0000108-88-3

Eliminate all ignition sources if safe to do so. Remove source of exposure or move person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor. If breathing has stopped, trained personnel should begin rescue breathing or, if the heart has stopped, immediately start cardiopulmonary resuscitation (CPR) or automated external defibrillation (AED). IF exposed or concerned: Get medical advice/attention.

### Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water for a flushing duration of 15-20 minutes. If skin irritation occurs: Get medical advice/attention. Store clothing under water and wash clothing before re-use (or discard). IF exposed or concerned: Get medical advice/attention.

#### **Eye Contact**

Remove source of exposure. 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 a flushing duration of 30 minutes or until medical aid is available. Take care not to rinse contaminated water into the unaffected eye or onto the face. Immediately call a POISON CENTER/doctor.

#### Ingestion

Rinse mouth. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position. IF exposed or concerned: Get medical advice/attention.

#### Most important symptoms and effects, both acute and delayed

No data available.

### Indication of any immediate medical attention and special treatment needed

No data available.

### **SECTION 5) FIRE-FIGHTING MEASURES**

#### Suitable Extinguishing Media

Dry chemical, foam, carbon dioxide water spray or fog is recommended. 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. Sand or earth may be used for small fires only.

#### Unsuitable Extinguishing Media

Do not use water jets.

#### Specific Hazards in Case of Fire

Can form explosive air mixtures.

Containers can explode in a fire. Highly flammable with toxic fumes. Give off toxic fumes at high temperatures.

Vapors are heavier than air and may settle in low places or spread a long distance to source of ignition and flash back.

### **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.

### **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-facepiece 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. Use explosive proof equipment. 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

Contain and collect spilled materials with non-combustible, absorbent material and place in a container for disposal according to local regulations. Dispose via a licensed waste disposal contractor. Contaminated absorbent material may pose the same physical hazards as the product.

Use non-sparking tools.

# **SECTION 7) HANDLING AND STORAGE**

#### 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 container 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.

Take precautionary measures against electrostatic discharge. To avoid fire or explosion, dissipate static electricity during transfer by ground and bonding containers and equipment before transferring material.

### SECTION 8) EXPOSURE CONTROLS / PERSONAL PROTECTION

#### **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

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### **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 NIOSH approved air supplier full face piece or head covering respirator suitable for organic vapors/particulates as required.

#### **Appropriate Engineering Controls**

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

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	NIOSH TWA (ppm)
BENZENE-1- CHLORO-4 (TRIFLUOROMET HYL)-		2.5			1			
N-BUTYL ALCOHOL	100	300			1			
TOLUENE	200 (a)/ 300 ceiling	0.2	500ppm /10 minutes (a)		1,2			100

Chemical Name	NIOSH TWA (mg/m3)	NIOSH STEL (ppm)	NIOSH STEL (mg/m3)	NIOSH Carcinogen	ACGIH TWA (ppm)	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)
BENZENE-1- CHLORO-4 (TRIFLUOROMET HYL)-						2.5		
N-BUTYL ALCOHOL					20			
TOLUENE	375	150	560		20			

Chemical Name	ACGIH Carcinogen	ACGIH Notations	ACGIH TLV Basis	
BENZENE-1- CHLORO-4 (TRIFLUOROMET HYL)-	CHLORO-4 TRIFLUOROMET		Bone dam; fluorosis	
N-BUTYL ALCOHOL			Eye & URT irr	
TOLUENE	A4	A4; BEI	Visual impair; female repro; pregnancy loss	

<sup>(</sup>C) - Ceiling limit, 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, impair - Impairment, irr - Irritation, repro - reproductive, URT - Upper respiratory tract

The information in this Section does not list components that might have relevant ACGIH Carcinogen, ACGIH Notations, ACGIH TLV Basis, NIOSH TWA (mg/m3), ACGIH TWA (ppm), ACGIH STEL (ppm), OSHA TWA (ppm), OSHA TWA (mg/m3), OSHA Tables (Z1, Z2, Z3), NIOSH TWA (ppm) regulatory values, if they are present at less than 100%. Please contact manufacturer for more information.

# **SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES**

### **Physical and Chemical Properties**

Density 7.28 lb/gal % Solids By Weight 29.76%
Density VOC 3.80 lb/gal

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% VOC	52.23%
Specific Gravity	0.87
Material VOC(lb/gal)	3.80 lb/gal
Coating VOC(lb/gal)	4.65 lb/gal

Appearance Viscous Liquid Odor Description **Pungent** Odor Threshold N/A рΗ N/A Melting Point N/A Freezing Point N/A Low Boiling Point >35 °C <23 °C Flash Point **Evaporation Rate** N/A Flammability N/A Upper Explosion Level (%) N/A Lower Explosion Level (%) N/A Vapor Pressure N/A Vapor Density N/A Water Solubility N/A Coefficient Water/Oil N/A Auto Ignition Temp N/A Decomposition Pt N/A Viscosity N/A

# **SECTION 10) STABILITY AND REACTIVITY**

#### **Stability**

Stable under normal conditions.

### **Conditions to Avoid**

Avoid all possible sources of ignition. Prone to ignite by static.

### **Hazardous Reactions/Polymerization**

No data available.

### **Incompatible Materials**

Keep away from: explosives, toxic gases, oxidizing substances, organic peroxides, poisonous (toxic) substance, infectious substances (biohazards).

#### **Hazardous Decomposition Products**

Oxides of carbon.

# **SECTION 11) TOXICOLOGICAL INFORMATION**

#### Likely route of exposure

Inhalation, ingestion, skin contact, eye contact, skin absorption.

### Skin Corrosion/Irritation

0000067-64-1 ACETONE

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Can cause skin irritation.

0000071-36-3 N-BUTYL ALCOHOL

Can irritate and burn the skin.

#### Serious Eye Damage/Irritation

0000067-64-1 ACETONE

Exposure can irritate the eyes.

0000071-36-3 N-BUTYL ALCOHOL

Can irritate and burn the eyes.

0000142-82-5 N-HEPTANE

Can irritate the eyes.

#### Respiratory/Skin Sensitization

0000067-64-1 ACETONE

Can irritate the nose and throat causing coughing and wheezing.

0000071-36-3 N-BUTYL ALCOHOL

Can irritate the nose, throat and lungs. May cause dryness or cracking.

0000142-82-5 N-HEPTANE

Repeated exposure may cause skin rash, dryness and redness.

#### **Germ Cell Mutagenicity**

No data available.

#### Carcinogenicity

No data available.

#### **Reproductive Toxicity**

Suspected of damaging fertility or the unborn child

### Specific Target Organ Toxicity - Single Exposure

May cause drowsiness or dizziness

0000067-64-1 ACETONE

May affect the kidneys and liver.

0000071-36-3 N-BUTYL ALCOHOL

Exposure can cause headache, dizziness, nausea and vomiting. Can damange the liver and kidneys.

0000142-82-5 N-HEPTANE

May affect the nervous system.

#### **Specific Target Organ Toxicity - Repeated Exposure**

May cause damage to organs through prolonged or repeated exposure.

### **Aspiration Hazard**

No data available.

#### **Acute Toxicity**

0000142-82-5 N-HEPTANE

Exposure can cause headache, lightheadedness, dizziness, lack of coordination and loss of consciousness.

#### Results of the PBT and vPvB assessment

0000067-64-1 ACETONE

The following medical conditions may be aggravated by exposure: lung disease, eye disorders, skin disorders. Overexposure may cause damage to any of the following organs/systems: blood, central nervous system, eyes, kidneys, liver, respiratory system, skin.

Substance can be absorbed into the body by inhalation.

0000071-36-3 N-BUTYL ALCOHOL

May cause abnormal blood forming function with anemia. Liquid splashes in the eye may result in chemical burns.

Can be absorbed into the body by inhalation of its vapour and by ingestion.

0000098-56-6 BENZENE-1-CHLORO-4(TRIFLUOROMETHYL)-

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: skin. Prolonged or repeated exposure may cause damage to any of the following organs/systems: kidneys, liver, thyroid. Potential skin sensitizer that may cause allergic reactions and contact dermatitis resulting in severe irritation, dryness, and cracking of the skin. Ingestion may cause any of the following: gastrointestinal irritation. Eye contact may cause any of the following: permanent eye injury. Inhalation may cause any of the following: stupor (central nervous system depression), respiratory tract irritation.

#### 0000108-88-3 TOLUENE

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, respiratory system, skin. Can be absorbed through the skin in harmful amounts. Recurrent overexposure may result in liver and kidney injury. High airborne levels have produced irregular heart beats in animals and occasional palpitations in humans. Rats exposed to very high airborne levels have exhibited high frequency hearing deficits. The significance of this to man is unknown. WARNING: This chemical is known to the State of California to cause birth defects or other reproductive harm.

#### 0000142-82-5 N-HEPTANE

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, respiratory system, skin. May cause central nervous system effects such as dizziness, headache, nausea, and loss of consciousness. 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. Aspiration may occur during swallowing or vomiting, resulting in lung damage.

Can be absorbed into the body by inhalation of its vapor, through the skin and by ingestion.

#### **Mobility in Soil**

0000108-88-3

#### 0000108-88-3 TOLUENE

**TOLUENE** 

TERATOGENIC EFFECTS: Toluene has been Classified as POSSIBLE for humans.

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LC50 (rat): 8800 ppm (4-hour exposure) (2)
LC50 (rat): 6000 ppm (6-hour exposure) (3)
LD50 (oral, rat): 2600 to 7500 mg/kg (3,5,11,17)
LD50 (oral, neonatal rat): less than 870 mg/kg (3)
LD50 (dermal, rabbit): 12,225 mg/kg (reported as 14.1 ml/kg) (1)
0000071-36-3
                  N-BUTYL ALCOHOL
LC50 (rat): greater than 8000 ppm (4-hour exposure) (14)
LD50 (oral, rat): 2510 mg/kg (15)
LD50 (oral, male rat): 790 mg/kg (16)*
LD50 (oral, female rat): 2020 mg/kg (16)*
                                           *(Note: the rats used in this study appear to have been very young (60-100 grams).)
LD50 (oral, hamster): 1200 mg/kg (11, original
0000067-64-1
                  ACETONE
LC50 (male rat): 30000 ppm (4-hour exposure); cited as 71000 mg/m3 (4-hour exposure) (29)
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LC50 (male mouse): 18600 ppm (4-hour exposure); cited as 44000 mg/m3 (4-hour exposure) (29)

LD50 (oral, female rat): 5800 mg/kg (24)

LD50 (oral, mature rat): 6700 mg/kg (cited as 8.5 mL/kg) (31) LD50 (oral, newborn rat): 1750 mg/kg (cited as 2.2 mL/kg) (31)

LD50 (oral, mouse): 3000 mg/kg (32,unconfirmed)

LD50 (dermal, rabbit): Greater than 16000 mg/kg cited as 20 mL/kg) (30)

0000142-82-5 N-HEPTANE

LC50 (rat): approximately 25000 ppm (4-hour exposure); cited as 103 g/m3 (4-hour exposure) (6)

LD50 (oral, rat): Greater than 15000 mg/kg (4)

### **SECTION 12) ECOLOGICAL INFORMATION**

#### **Toxicity**

No data available.

### Persistence and Degradability

0000067-64-1 ACETONE

91% readily biodegradable, Method: OECD Test Guideline 301B

Readily biodegradable.

0000071-36-3 N-BUTYL ALCOHOL

Readily biodegradable.

#### **Bio-accumulative Potential**

No data available.

### Mobility in soil

0000067-64-1 ACETONE

the substance is not PBT / vPvB

the substance is not PBT / vPvB.

#### Other Adverse Effect

No data available.

### **SECTION 13) DISPOSAL CONSIDERATIONS**

#### **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.

# **SECTION 14) TRANSPORT INFORMATION**

### **U.S. DOT Information**

UN number: UN1263

Proper shipping name: Paint related material

Hazard class: 3
Packaging group: II

Hazardous substance (RQ): No Data Available Toxic-Inhalation Hazard: No Data Available

Marine Pollutant: No Data Available

Note / Special Provision: No Data Available

### **IMDG Information**

UN number: UN1263

Proper shipping name: Paint related material

Hazard class: 3
Packaging group: II

Marine Pollutant: No Data Available

Note / Special Provision: No Data Available

# **IATA Information**

UN number: UN1263 Hazard class: 3 Packaging group: II

Proper shipping name: Paint related material

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

CAS	Chemical Name	% By Weight	Regulation List
0000071-36-3	N-BUTYL ALCOHOL	28% - 66%	SARA313, CERCLA,SARA312,VOC,TSCA
0000098-56-6	BENZENE-1- CHLORO-4 (TRIFLUOROMETHYL )-	13% - 18%	SARA312,VOC_exempt,TSCA,TSCA12B
0000108-88-3	TOLUENE	0.0% - 0.7%	SARA313, CERCLA,SARA312,VOC,IARCCarcinogen,TSCA,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Develop - CA_Proposition65_Type_Toxicity_Developmental

The information in this Section does not list components that might have relevant COMPLEX REACTION PRODUCTS AND BIOLOGICAL MATERIALS, CERCLA, SARA312, TSCA, TSCA\_UVCB - CHEMICAL SUBSTANCES OF UNKNOWN OR VARIABLE COMPOSITION, VOC, VOC\_exempt regulatory values, if they are present at less than 100%. Please contact manufacturer for more information.

### **SECTION 16) OTHER INFORMATION**

### Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDGCanadian 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.

### **HMIS**



#### (\*) - 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

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### **DISCLAIMER**

To the best of our knowledge, the information contained herein is accurate. However, neither the above named manufacturer nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

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