



# SAFETY DATA SHEET

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

**Product ID:** 1007  
**Product Name:** MIRA-BRITE HI TEMP SIL ALUM  
**Revision Date:** Feb 29, 2016 **Date Printed:** Feb 29, 2016  
**Version:** 1.0 **Supersedes Date:** N.A.  
**Manufacturer's Name:** Anchor Paint Manufacturing Co., Inc.  
**Address:** 6707 East 14th Street, Tulsa, OK, US, 74112  
**Emergency Phone:** 800-424-9300  
**Information Phone Number:** 918-836-4626  
**Fax:** 918-836-6421  
**Product/Recommended Uses:** High temperature coatings

## SECTION 2) HAZARDS IDENTIFICATION

### Classification:

Specific Target Organ Toxicity - Repeated Exposure - Category 1  
Aspiration Hazard - Category 1  
Skin Irritation - Category 2  
Eye Irritation - Category 2A  
Germ Cell Mutagenicity - Category 1B  
Carcinogenicity - Category 1B  
Reproductive Toxicity - Category 2  
Chronic aquatic toxicity - Category 2  
Flammable Liquids Category 2  
Acute aquatic toxicity - Category 2  
Acute toxicity Dermal Category 4  
Acute toxicity Inhalation Vapor Category 4  
Acute toxicity Oral Category 4

### Pictograms:



### Signal Word:

Danger

### Hazardous Statements - Health:

Causes damage to organs through prolonged or repeated exposure.  
May be fatal if swallowed and enters airways  
Causes skin irritation  
Causes serious eye irritation  
May cause genetic defects.  
May cause cancer.  
Suspected of damaging fertility or the unborn child.

Harmful if swallowed  
Harmful in contact with skin  
Harmful if inhaled

**Hazardous Statements - Physical:**

Highly flammable liquid and vapor

**Hazardous Statements - Environmental:**

Very toxic to aquatic life  
Toxic to aquatic life with long lasting effects

**Precautionary Statements - General:**

If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
Read label before use.

**Precautionary Statements - Prevention:**

Do not breathe dust/fume/gas/mist/vapors/spray.  
Wash thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Avoid release to the environment.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
Use explosion-proof equipment.  
Use only non-sparking tools.  
Take action to prevent static discharges.  
Avoid breathing dust/fume/gas/mist/vapors/spray.  
Use only outdoors or in a well-ventilated area.

**Precautionary Statements - Response:**

Get Medical advice/attention if you feel unwell.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
Do NOT induce vomiting.  
IF ON SKIN: Wash with plenty of water.  
Specific treatment (see section 4 on this SDS).  
If skin irritation occurs: Get medical advice/attention.  
Take off contaminated clothing. And wash it before reuse.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
IF exposed or concerned: Get medical advice/attention.  
Collect spillage.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish.  
IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.  
Rinse mouth.  
Call a POISON CENTER or doctor if you feel unwell.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**Precautionary Statements - Storage:**

Store locked up.

Store in a well-ventilated place. Keep cool.

**Precautionary Statements - Disposal:**

Dispose of contents to an approved waste disposal plant or paint 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.

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

None.

**Acute toxicity of 27.1% of the mixture is unknown**

---

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

---

CAS	Chemical Name	% By Weight
0001330-20-7	XYLENE	37% - 45%
0007429-90-5	ALUMINUM	11% - 15%
0000100-41-4	ETHYLBENZENE	9% - 12%
0064742-48-9	NAPHTHA, HEAVY HYDROTREATED (PETROLEUM)	3% - 4%
0000108-88-3	TOLUENE	2% - 3%
0064742-95-6	AROMATIC HYDROCARBON MIXTURE >C9	1.5% - 3%
0008052-41-3	STODDARD SOLVENT	0.6% - 1.0%
0007631-86-9	SILICA, AMORPHOUS	0.3% - 0.5%
0000136-52-7	COBALT OCTATE	0.1% - 0.2%

---

**SECTION 4) FIRST-AID MEASURES**

---

**Inhalation:**

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

Eliminate all ignition sources if safe to do so.

**Skin Contact:**

Take off immediately all contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Rinse skin with lukewarm, gently flowing water/shower for a duration of 30 or until medical aid is available. Immediately call a POISON CENTER/doctor. Wash contaminated clothing 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 a duration of 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.

**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 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. Sand or earth may be used for small fires only.

**Unsuitable Extinguishing Media:**

No data available.

**Specific Hazards in Case of Fire:**

Forms flammable and/or explosive mixtures with air or oxygen, keep ignition sources at great distances.

**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**

---

**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. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). 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.

---

**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.

Ground and bond containers and receiving equipment. Avoid static electricity by grounding.

---

**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 chemical resistant apron, boots or other clothing if needed to avoid repeated or frequent skin contact. Liquid may penetrate shoes and other clothing causing delayed irritation.

**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.

A NIOSH/MSHA approved respirator is advised.

**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)	NIOSH TWA (mg/m3)	NIOSH STEL (ppm)	NIOSH STEL (mg/m3)	ACGIH TWA (ppm)
ALUMINUM		[15]; [5];			1				2			
AROMATIC HYDROCARBON MIXTURE >C9	500	2000			1							
ETHYLBENZENE	100	435			1			100	435	125	545	20
NAPHTHA, HEAVY HYDROTREATED (PETROLEUM)	500	2000			1							
SILICA, AMORPHOUS	20 (b)	80 mg/m3 percent SiO2+2			1,3				6			
STODDARD SOLVENT	500	2900			1				350			100
TOLUENE	200 (a)/ 300 ceiling	0.2	500ppm /10 minutes (a)		1,2			100	375	150	560	20
XYLENE	100	435			1			100	435	150	655	100

Chemical Name	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)	ACGIH Carcinogen	ACGIH TLV Basis	ACGIH Notations
ALUMINUM	1 (R)			A4	Pneumoco niosis; LRT irr; neurotoxicit y	A4
AROMATIC HYDROCARBON MIXTURE >C9						
ETHYLBENZENE				A3	URT irr;Kidney dam (nephropat hy); Cochlear impair	A3; BEI
NAPHTHA, HEAVY HYDROTREATED (PETROLEUM)						
SILICA, AMORPHOUS						
STODDARD SOLVENT	572				Eye, skin, & kidney dam; nausea; CNS impair	
TOLUENE	0.2			A4	Visual impair; female repro; pregnancy loss	A4; BEI
XYLENE	434	150	651	A4	URT & eye irr; CNS imampir	A4; BEI

---

## SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

---

### Physical Properties

Density	8.48253 lb/gal
Specific Gravity	1.01643
% Solids By Weight	40.26560%
% VOC	59.68595%
VOC Less H2O and Exempts	5.06288 lb/gal
VOC Actual	5.06288 lb/gal
% VHAPS	53.65053%
% HAPS	53.77450%

---

Appearance	Liquid
Odor Threshold	No information available
Odor Description	Aromatic Solvent
pH	N.A.
Freezing Point	No information available
Low Boiling Point	230 °F
High Boiling Point	288 °F
Flash Point	45 °F
Evaporation Rate	~ 0.9
Flammability	Flashpoint below 73 °F
Lower Explosion Level	1.0 (estimated)
Upper Explosion Level	8.0 (estimated)
Vapor Pressure	No information available
Vapor Density	Heavier than air
Water Solubility	Negligible
Coefficient Water/Oil	No information available
Auto Ignition Temp	No information available
Decomposition Pt	No information available
Viscosity	No information available

---

## SECTION 10) STABILITY AND REACTIVITY

---

### Stability:

Material is stable at standard temperature and pressure.

### Conditions to Avoid:

Avoid contact with strong oxidizers, heat, flame, and ignition sources.

### Hazardous Reactions/Polymerization:

Will not occur.

### Incompatible Materials:

Avoid contact with strong oxidizers, alkaline materials, mineral acids, and halogens.

### Hazardous Decomposition Products:

Carbon monoxide, carbon dioxide, oxides of nitrogen.

---

## SECTION 11) TOXICOLOGICAL INFORMATION

---

### Likely Route of Exposure:

Inhalation, ingestion, skin absorption

**Aspiration Hazard:**

Aspiration into the lungs can cause chemical pneumonitis which can be fatal.

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 the unborn child.

**Respiratory/Skin Sensitization:**

Prolonged contact with skin may lead to extraction of natural oils with resultant irritation or dermatitis.

**Serious Eye Damage/Irritation:**

Eye contact may cause severe irritation, redness, tearing, blurred vision, and a sensation of seeing halos around lights.

Causes serious eye irritation

**Skin Corrosion/Irritation:**

Causes skin irritation

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

Causes damage to organs through prolonged or repeated exposure.

**Specific Target Organ Toxicity - Single Exposure:**

No Data Available

**Acute Toxicity:**

Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea,, headache, possible unconsciousness, and even asphyxiation.

If swallowed, can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Harmful if swallowed

Harmful in contact with skin

Harmful if inhaled

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)

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)

0008052-41-3 STODDARD SOLVENT

LC50 (rat): greater than 5500 mg/m3 (880 ppm) (whole body exposure for 4 hours) (1)

LC50 (rat): greater than 8200 mg/m3 (1300 ppm) (2)

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

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

0000108-88-3 TOLUENE

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)

**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.

0000108-88-3 TOLUENE

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

0001330-20-7 XYLENE

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

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

#### 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.

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.

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.

0064742-48-9 NAPHTHA, HEAVY HYDROTREATED (PETROLEUM)

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.

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.

---

## SECTION 12) ECOLOGICAL INFORMATION

---

### Toxicity:

Very toxic to aquatic life

Toxic to aquatic life with long lasting effects

### Persistence and Degradability:

No data available.

### Bioaccumulative Potential:

No data available.

### Mobility in Soil:

No data available.

### Other Adverse Effects:

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/NA#: 1263  
UN Proper Shipping Name: PAINT  
Hazard Class: 3  
Packing Group: II

**IMDG Information:**

UN/NA#: 1263  
UN Proper Shipping Name: PAINT  
Hazard Class: 3  
Packing Group: II

**IATA Information:**

UN/NA#: 1263  
UN Proper Shipping Name: PAINT  
Hazard Class: 3  
Packing Group: II

**SECTION 15) REGULATORY INFORMATION**

CAS	Chemical Name	% By Weight	Regulation List
0001330-20-7	XYLENE	37% - 45%	CERCLA,SARA312,SARA313,VOC,IARCCarcinogen,TSCA,RCRA
0007429-90-5	ALUMINUM	11% - 15%	SARA312,SARA313,TSCA
0000100-41-4	ETHYLBENZENE	9% - 12%	CERCLA,SARA312,SARA313,VOC,IARCCarcinogen,TSCA,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer
0064742-48-9	NAPHTHA, HEAVY HYDROTREATED (PETROLEUM)	3% - 4%	SARA312,VOC,TSCA
0000108-88-3	TOLUENE	2% - 3%	CERCLA,SARA312,SARA313,VOC,IARCCarcinogen,TSCA,RCRA,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Develop - CA_Proposition65_Type_Toxicity_Developmental
0064742-95-6	AROMATIC HYDROCARBON MIXTURE >C9	1.5% - 3%	SARA312,VOC,TSCA
0008052-41-3	STODDARD SOLVENT	0.6% - 1.0%	SARA312,VOC,TSCA
0007631-86-9	SILICA, AMORPHOUS	0.3% - 0.5%	SARA312,IARCCarcinogen,TSCA
0000136-52-7	COBALT OCTATE	0.1% - 0.2%	CERCLA,SARA312,SARA313,TSCA

**SECTION 16) OTHER INFORMATION****Glossary:**

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.

## **DISCLAIMER**

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier 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.