# **Safety Data Sheet**



# according to OSHA Hazard Communication 29 CFR Part 1910.1200

according to Regulation (EC)
No. 1907/2006 Article 31

# Section 1. Identification

Product Code: 984762LF

Product Name: SB LF YEL WA HI VOC HY8Y2

Product Type: SB Paint

Recommended Use: Traffic Markings

Supplied by: Ennis-Flint

A Traffic Safety Solutions Company

115 Todd Court

Thomasville, NC 27360

T: 800.331.8118 (For Technical Inquiries)

Emergency Telephone: Chemtrec 1-800-424-9300

# Section 2. Hazard(s) identification

**EMERGENCY OVERVIEW:** Extremely Flammable! This product contains a component suspected of causing cancer. However, it is in a non-respirable form and inhalation is unlike to occur from exposure. This classification is relevant when exposed to dust or powder form only (e.g. sanding, grinding). May cause fire. In use, may form flammable/explosive vapour-air mixture.

# Classification

### Symbol(s) of Product







## Signal Word Danger

#### **GHS Named Chemicals On Label**

Toluene, n-Heptane, Magnesium silicate (talc), Heptane, Branched, cyclic and Linear, Light naptha-h

### **GHS HAZARD STATEMENTS**

Flammable Liquid, category 2 H225 Highly flammable liquid and vapour.

Aspiration Hazard, category 1 H304 May be fatal if swallowed and enters airways.

Skin Irritation, category 2 H315 Causes skin irritation.

Eye Irritation, category 2 H319 Causes serious eye irritation.

Acute Toxicity, Inhalation, category 2 H330 Fatal if inhaled.

STOT, single exposure, category 3, RTI H335 May cause respiratory irritation. STOT, single exposure, category 3, NE H336 May cause drowsiness or dizziness.

Germ Cell Mutagenicity, category 1B H340 May cause genetic defects . Classification as mutagenic category 1, if one of the ingredients is contained in an amount of at least 0.1 % . Applicable to liquids, solids (in w/w) and gases (v/v). The fabric can also have their own exposure limit . Routes of exposure depend on the form of the ingredient.

Carcinogenicity, category 1A	H350	May cause cancer. Classified as carcinogenic Category 1 on the basis of epidemiological and/or animal data. Mixtures are classified as carcinogenic when at least 1 ingredient has been classified as carcinogenic and is present at 0.1% or above Routes of exposure are dependant on ingredient form.
Reproductive Toxicity, category 2	H361	Suspected of damaging fertility or the unborn child. Classifed Category 2 suspected human reproductive toxicant irreversible effects such as structural malfunctions, embryo/foetal lethality, post natal functional deficiencies.
STOT, repeated exposure, category 2	H373	May cause damage to organs through prolonged or repeated exposure.

STOT, repeated exposure, category 2	H373	May cause damage to organs through prolonged or repeated exposure.
GHS PRECAUTIONARY STATEMENTS	3	
P201	Obtain spe	cial instructions before use.
P210	Keep away	r from heat/sparks/open flames/hot surfaces No smoking.
P233	Keep conta	ainer tightly closed.
P240	Ground/bo	nd container and receiving equipment.
P241	Use explos	sion-proof electrical/ventilating/lighting// equipment.
P242	Use only n	on-sparking tools.
P243	Take preca	autionary measures against static discharge.
P260	Do not brea	athe dust/fume/gas/mist/vapours/spray.
P261	Avoid brea	thing dust/fume/gas/mist/vapours/spray.
P280	Wear prote	ective gloves/protective clothing/eye protection/face protection.
P281	Use persor	nal protective equipment as required.
P284	Wear respi	ratory protection.
P301+P310	IF SWALL	OWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKI	N: Wash with plenty of soap and water.
P304+P340	IF INHALE	D: Remove victim to fresh air and keep at rest in a position comfortable for
	breathing.	
P305+P351+P338		S: Rinse cautiously with water for several minutes. Remove contact lenses, if d easy to do. Continue rinsing.
P308+P313	IF exposed	for concerned: Get medical advice/attention.
P310	Immediate	ly call a POISON CENTER or doctor/physician.
P312	Call a POIS	SON CENTER or doctor/physician if you feel unwell.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

Get medical advice/attention if you feel unwell. P314

P331 Do NOT induce vomiting.

P337+P313 If eye irritation persists: Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed.

# Section 3. Composition/Information on ingredients

Naphtha, light

Chloroalkanes

Titanium Dioxide

Magnesium silicate (talc)

Chemical Name	CAS-No.	<u>Wt. %</u>	GHS Symbols	GHS Statements
Acetone	67-64-1	10-25	GHS02-GHS06	H225-319-330-336
Toluene	108-88-3	2.5-10	GHS02-GHS07- GHS08	H225-304-315-332-336-361-37
Naphtha, light	64742-89-8	2.5-10	GHS07-GHS08	H304-315-336-340-350-361-37
Magnesium silicate (talc)	14807-96-6	2.5-10	GHS07-GHS08	H335-351
Chloroalkanes	61788-76-9	1.0-2.5		
Titanium Dioxide	13463-67-7	1.0-2.5	GHS08	H351
Methyl ethyl ketone (MEK)	78-93-3	1.0-2.5	GHS02-GHS07	H225-319-332-336
Light naptha-hydrotreated	64742-49-0	1.0-2.5	GHS08	H304-340-350
n-Heptane	142-82-5	1.0-2.5	GHS02-GHS07- GHS08	H225-304-315-336
Heptane, Branched, cyclic and Linear	426260-76- 6	1.0-2.5	GHS07-GHS08	H304-315-336
Crystalline Silica, Quartz	14808-60-7	0.1-1.0	GHS08	H351-373
Methanol	67-56-1	< 5.0	GHS02-GHS06- GHS08	H225-302-319-330-370
Chemical Name	CAS-No.	EINECS No.	REACH Reg No.	M-Factors
Acetone	67-64-1	200-662-2	not available	0
Toluene	108-88-3	203-625-9	not available	0

NI

265-192-2

238-877-9

236-675-5

not available

not available

not available

not available

64742-89-8

14807-96-6

61788-76-9

13463-67-7

0

0

0

0

Methyl ethyl ketone (MEK)	78-93-3	201-159-0	not available	0
n-Heptane	142-82-5	205-563-8	01-2119457603-38-XXXX	0
Light naptha-hydrotreated	64742-49-0	265-151-9	not available	0
Heptane, Branched, cyclic and Linear	426260-76- 6	not available	not available	0
Crystalline Silica, Quartz	14808-60-7	238-878-4	not available	0
Methanol	67-56-1	200-659-6	01-2119433307-44-XXXX	0

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

### Section 4. First-aid measures



**FIRST AID - INHALATION:** Move to fresh air. Give oxygen or artificial respiration if needed. Call a physician or poison control center immediately. Consult a physician if symptoms persist.

**FIRST AID - SKIN CONTACT:** Wash affected area immediately with soap and plenty of water. Remove contaminated clothing and launder before reuse. Consult a physician if symptoms persist.

**FIRST AID - EYE CONTACT:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician if symptoms persist.

**FIRST AID - INGESTION:** Call a physician or Poison Control Center immediately. Do NOT induce vomiting. If conscious, rinse mouth and drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.

# Section 5. Fire-fighting measures

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Material may polymerize explosively when involved in a fire. Runoff to sewer may create fire or explosion hazard. Flammable liquid. Vapors can form an ignitable mixture with air. Vapors can flow along surfaces to a distant ignition source and flash back. Vapors can spread along ground and collect in low or confined areas (sewers, basements, tanks). Water spray may reduce vapor, buy may not prevent ignition in closed spaces.

**SPECIAL FIREFIGHTING PROCEDURES:** Flammable. Cool fire-exposed containers using water spray. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

EXTINGUISHING MEDIA: Alcohol Foam, Carbon Dioxide, Dry Chemical, Foam, Water Fog

### Section 6. Accidental release measures

**ENVIRONMENTAL PRECAUTIONS:** Prevent entry into waterways, sewers, basements or confined areas. Avoid release to the environment. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. A vapor suppressing foam may be used to reduce vapors. Use personal protective equipment. Ensure adequate ventilation. Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Take up mechanically. Keep in suitable and closed containers for disposal. Use clean non-sparking tools to collect absorbed material.

# Section 7. Handling and storage





**HANDLING:** Flammable liquid. Avoid heat, sparks and open flames. Ensure adequate ventilation. Avoid breathing vapor, mists or dust. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Observe good industrial hygiene practices. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use only in an area containing flame proof equipment.

**STORAGE:** Keep containers tightly closed in a cool, well-ventilated place. Store away from heat and sources of ignition. Keep in properly labeled containers.

# Section 8. Exposure controls/personal protection

# Ingredients with Occupational Exposure Limits

Chemical Name	ACGIH TLV-TWA	ACGIH-TLV STEL	OSHA PEL-TWA	OSHA PEL-CEILING
Acetone	500 PPM	750 PPM	750 PPM	
Toluene	20 PPM		200 PPM	300 PPM
Naphtha, light	300 PPM		300 PPM	
Magnesium silicate (talc)	2 mg/m3		2 mg/m3	
Chloroalkanes				
Titanium Dioxide	10 mg/m3		15 mg/m3	
Methyl ethyl ketone (MEK)	200 PPM	300 PPM	200 PPM	
Light naptha-hydrotreated				
n-Heptane	400 PPM	500 PPM	400 ppm	
Heptane, Branched, cyclic and Linear	400 PPM	500 PPM	400 ppm	
Crystalline Silica, Quartz	0.025 mg/m3		0.05 mg/m3	
Methanol	200 PPM	250 PPM	200 PPM	

<u>Name</u>	<u>Percentage</u>	VME mg/m3	VME ppm	OEL Nota
Acetone	10-25	1210	500	1000 PPM
Toluene	2.5-10	191	50	50 PPM
Titanium Dioxide	1.0-2.5	10	0	15 mg/m3
n-Heptane	1.0-2.5	2085	500	not available
Heptane, Branched, cyclic	1.0-2.5	2085	500	not available
Methanol	< 1.0	266	200	200 PPM

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation Sk = Skin Sensitizer N.E. = Not Established

### **Personal Protection**



**RESPIRATORY PROTECTION:** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.



SKIN PROTECTION: Protective gloves/clothing.



EYE PROTECTION: Tightly fitting safety goggles.



**OTHER PROTECTIVE EQUIPMENT:** Eyewash stations, safety showers, ventilation systems. Ventilation system should be explosion proof.



**HYGIENIC PRACTICES:** When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

# Section 9. Physical and chemical properties

Appearance: Yellow Physical State: Liquid

Odor:NIOdor Threshold:Not EstablishedDensity, g/cm3:1.419pH:No Information

Freeze Point, °C: NI Viscosity: NI Solubility in Water: Insoluble Partition Coefficient, n-octanol/ NI

Decompostion Temp., °C: NI water:

Boiling Point, °C: **Explosive Limits, vol%:** N.I. N.I. Combustibility: Flash Point, °C: Supports Combustion -18 **Evaporation Rate:** Auto-ignition Temp., °C: Slower than Diethyl Ether NI Vapor Density: Heavier than air Vapor Pressure: NI

(See "Other information" Section for abbreviation legend)

# Section 10. Stability and reactivity

STABILITY: Stable under recommended storage conditions.

CONDITIONS TO AVOID: Dust formation. Heat, flames and sparks.

INCOMPATIBILITY: Strong acids. Chlorinated compounds. Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides. Hydrocarbons. Carbon dioxide.

HAZARDOUS POLYMERIZATION: Hazardous polymerization does not occur.

# Section 11. Toxicological information



### **Practical Experiences**

**EFFECT OF OVEREXPOSURE - INHALATION:** May be harmful if inhaled. Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes). May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination. Sanding and grinding dust may be harmful if inhaled.

EFFECT OF OVEREXPOSURE - SKIN CONTACT: Irritating to skin. Repeated exposure may cause skin dryness or cracking.

EFFECT OF OVEREXPOSURE - EYE CONTACT: Irritating to eyes.

**EFFECT OF OVEREXPOSURE - INGESTION:** May be harmful if swallowed. Ingestion may cause irritation to mucous membranes. May cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration into lungs may cause pulmonary edema and chemical pneumonitis. May cause gastrointestinal disturbances with dizziness and central nervous system depression.

EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS: Exposure to toluene in animals via inhalation and intentional overexposure to toluene in humans has caused adverse fetal development effects. Recurrent overexposure may result in liver and kidney injury. This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product. Inhalation exposure to respirable levels of crystalline silica may cause respiratory impairment and lung damage. This product contains crystalline silica (quartz) in a non-respirable form. Inhalation of crystalline silica is unlikely to occur from exposure to this product. Crystalline silica (quartz) has been classified by the International Agency for Research on Cancer (IARC) as a known human carcinogen. Inhalation, ingestion, or skin absorption of methanol can cause blindness.

# **Acute Toxicity Values**

The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Name according to EEC	Oral LD50	Dermal LD50	Gas LC50
67-64-1	Acetone	5800 mg/kg rat	7426 mg/kg guinea pig	21.05 PPM - 8 h rat
108-88-3	Toluene	>5580 mg/kg	12196 mg/kg rabbit	3316 -7642 ppm - 4 h rat
64742-89-8	Naphtha, light	>2000 mg/kg	> 2000 mg/kg	>20001 ppm
14807-96-6	Magnesium silicate (talc)	>2000 mg/kg	> 2000 mg/kg	>20001 ppm
61788-76-9	Chloroalkanes	> 2000 mg/kg	> 2000 mg/kg	>20001 ppm
13463-67-7	Titanium Dioxide	> 10000 mg/kg rat	> 10000 mg/kg rabbit	>20001 ppm
78-93-3	Methyl ethyl ketone (MEK)	2737 mg/kg rat	6480 mg/kg rabbit	10850 PPM - 4 h mouse

64742-49-0 Light naptha-hydrotreated >2000 mg/kg > 2000 mg/kg >20001 ppm 142-82-5 n-Heptane > 2000 mg/kg > 2000 mg/kg 25132 ppm - 4 h rat 426260-76-6 Heptane, Branched, cyclic and Linear > 2000 mg/kg > 2000 mg/kg 25132 ppm - 4 h rat 14808-60-7 >2000 mg/kg > 2000 mg/kg Crystalline Silica, Quartz >20001 ppm 67-56-1 Methanol 1187 -2769 mg/kg rat 17100 mg/kg rabbit 128.2 PPM - 4 h rat

N.I. - No Information

# Section 12. Ecological information

ECOLOGICAL INFORMATION: The environmental impact of this product has not been fully investigated.

### **Further Ecological Information**

Contains the following ingredients which are classified as water dangerous according to EEC directive No. 76/464/EEC in percentages > 1%.

CAS-No.	Name according to EEC	Bio. Conc. Factor (BCF)	Octanol-water par. Coeff (KOW)
67-64-1	Acetone	3	-0.24
108-88-3	Toluene	13 - 90	2.65
64742-89-8	Naphtha, light	not available	not available
14807-96-6	Magnesium silicate (talc)	not available	not available
61788-76-9	Chloroalkanes	NI	NI
13463-67-7	Titanium Dioxide	not available	not available
78-93-3	Methyl ethyl ketone (MEK)	3	0.29
142-82-5	n-Heptane	2000	4.66
64742-49-0	Light naptha-hydrotreated	not available	2.01 - 5.0
426260-76-6	Heptane, Branched, cyclic and Linear	2000	4.66
14808-60-7	Crystalline Silica, Quartz	not available	not available
67-56-1	Methanol	1	-0.77

# Section 13. Disposal considerations



# **Product**

**DISPOSAL METHOD:** This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Dispose of contents/ container in accordance with the local/regional/national/international regulations. Do not re-use empty containers. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture of weld containers.

European Waste Code: 080111 waste paint/var.w.org.solv/DS

**Uncleaned Packaging** 

European Waste Code: 150110 packaging dangerous residuals

# Section 14. Transport information

SPECIAL TRANSPORT PRECAUTIONS: No Information

Road Transport

UN Number: UN1263
ADR/RID Class: 3
Packing Group: 2
Shipping Name: Paint

Primary Shipping Hazard: No Information

Road Tunnel Transport Code:

### Sea Transport

UN Number: UN1263 IMDG/GGVSee Class: UN1263

EmS-No: F-E, S-E
Packing Group: 2
Shipping Name: Paint

Primary Shipping Hazard:

No Information

Marine Pollutant: Not A Marine Pollutant

Shipping Hazard(Marine Pollutant):

No Information

### Air Transport

UN Number: UN1263
ICAO/IATA Class: 3
Packing Group: 2
Shipping Name: Paint

Primary Shipping Hazard: No Information

# Section 15. Regulatory information

# U.S. Federal Regulations:

# **CERCLA - SARA Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

#### **SARA SECTION 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>
Toluene	108-88-3
Methanol	67-56-1
Dinonylphenol (branched)	872-50-4
Cyclohexane	110-82-7
Ethylbenzene	100-41-4

# TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

<u>Chemical Name</u>	CAS-No.
Acetone	67-64-1
Toluene	108-88-3
Naphtha, light	64742-89-8
Magnesium silicate (talc)	14807-96-6
Chloroalkanes	61788-76-9
Titanium Dioxide	13463-67-7
Methyl ethyl ketone (MEK)	78-93-3
n-Heptane	142-82-5
Light naptha-hydrotreated	64742-49-0
Heptane, Branched, cyclic and Linear	426260-76-6
Crystalline Silica, Quartz	14808-60-7
Methanol	67-56-1
Silicon dioxide, amorphous	7631-86-9
Dinonylphenol (branched)	872-50-4
Cyclohexane	110-82-7
Bisphenol A Diglycidyl Ether	25085-99-8
Lithium Chloride	7447-41-8
Ethylbenzene	100-41-4

# U.S. State Regulations:

### **NEW JERSEY RIGHT-TO-KNOW:**

The following materials are non-hazardous, but are among the top five components in this product.

Chemical NameCAS-No.Calcium Carbonate1317-65-3Petroleum Hydrocarbon Resin64742-16-1

### PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3%.

 Chemical Name
 CAS-No.

 Calcium Carbonate
 1317-65-3

 Petroleum Hydrocarbon Resin
 64742-16-1

 Kaolin (Aluminum silicate (hydrated))
 1332-58-7

 Barium Sulfate
 7727-43-7

### **CALIFORNIA PROPOSITION 65 CARCINOGENS**

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

Chemical NameCAS-No.Magnesium silicate (talc)14807-96-6Titanium Dioxide13463-67-7Crystalline Silica, Quartz14808-60-7

### **CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS**

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

Chemical NameCAS-No.Toluene108-88-3

International Regulations: As follows -

### **CANADIAN WHMIS:**

This SDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

WHMIS Class: B2, D1B, D2A, D2B

Denmark

B-Value: 0.000000

#### France

Storage Conditions: No Information

**Professional Illness Table:** 

CAS Number	<u>Chemical Name</u>	Professional Illness
67-64-1	Acetone	not available
64742-89-8	Naphtha, light	not available
14807-96-6	Magnesium silicate (talc)	not available
61788-76-9	Chloroalkanes	NI
13463-67-7	Titanium Dioxide	not available
78-93-3	Methyl ethyl ketone (MEK)	not available
64742-49-0	Light naptha-hydrotreated	not available
142-82-5	n-Heptane	not available
426260-76-6	Heptane, Branched, cyclic and Linear	not available

14808-60-7 Crystalline Silica, Quartz not available 67-56-1 Methanol not available

Germany

VbF-Class: No Information

WGK-class: 3

Remarks: WGK 0 = in general not a water pollutant

> WGK 1 = weak water pollutant WGK 2 = water pollutant WGK 3 = severe water pollutant

Processing restrictions:\*

## **Incident Regulation:**

No Information

Spain

**Storage Conditions:** No Information

Switzerland

**VOC-Value:** 20.60

**United Kingdom** 

**Storage Conditions:** No Information

# Section 16. Other information, including date of preparation of the last revision

**Revision Date:** Supercedes Date: 9/26/2016 9/12/2016

Reason for revision: Substance Chemical Name Changed

Flammability:

Datasheet produced by: Regulatory Department

**HMIS Ratings:** 

Health:

		_		•			1	
NFPA Ratings:								
	Health:	2	Flammability:	4	Reactivity:	0	Hazards:	None

Reactivity:

Personal Protection:

Х

Volatile Organic Compounds, gr/ltr: 331

### Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H225 Highly flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. Fatal if inhaled. H330 H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H340 May cause genetic defects. H350 May cause cancer. H351 Suspected of causing cancer.

Suspected of damaging fertility or the unborn child. Classifed Category 2 suspected human reproductive H361

toxicant irreversible effects such as structural malfunctions, embryo/foetal lethality, post natal functional

deficiencies.

H370 Causes damage to organs.

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

### Icons for GHS Pictograms shown in Section 3 describing each ingredient:



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed. Any use of the product not in conformance with this SDS or in combination with any other product or process is the responsibility of the user.