

# Safety Data Sheet

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

Product Name: Gray Cold Set Epoxy

Product Code: CSE-7206 Part A

**MANUFACTURER : Heresite Protective Coatings, LLC**  
822 S. 14th Street  
Manitowoc, WI 54220, USA

**TELEPHONE NUMBER: +1 (920) 684-6646**

**FAX NUMBER: +1 (920) 684-0110**

**EMERGENCY PHONE: CHEMTREC**  
**+1 (800) 424-9300**

**E-MAIL ADDRESS OF PERSON RESPONSIBLE:**  
**peter@heresite.com**

Product Use: Industrial and Commercial Coatings, primary application to metal.

Not recommended for: Any other application

## SECTION 2: HAZARDS IDENTIFICATION

### GHS Ratings:

Flammable liquid	3	Flash point $\geq 23^{\circ}\text{C}$ and $\leq 60^{\circ}\text{C}$ (140°F)
Skin corrosive	2	Reversible adverse effects in dermal tissue, Draize score: $\geq 2.3 < 4.0$ or persistent inflammation
Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Skin sensitizer	1	Skin sensitizer
Mutagen	1B	Known to produce heritable mutations in human germ cellsSubcategory 1B, Positive results: In vivo heritable germ cell tests in mammals, Human germ cell tests, In vivo somatic mutagenicity tests, combined with some evidence of germ cell mutagenicity
Carcinogen	1B	Presumed Human Carcinogen, Based on demonstrated animal carcinogenicity

**Signal Word: Danger**



### GHS Hazards

H225	Highly flammable liquid and vapour
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H340	May cause genetic defects
H350	May cause cancer

### GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat/sparks/open flames/hot surfaces No smoking
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment

P241	Use explosion-proof electrical/ventilating/light/equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P264	Wash hands thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves/protective clothing/eye protection/face protection
P363	Wash contaminated clothing before reuse
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	If exposed or concerned: Get medical advice/attention
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P337+P313	If eye irritation persists: Get medical advice/attention
P370+P378	In case of fire: Use CO2, dry chemical, or foam for extinction.
P403	Store in a well ventilated place
P405	Store locked up
P501	Dispose of contents/container to in accordance with local/regional/national/international regulations.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
Bis A, Epichlorohydrin Epoxy	25068-38-6	40.00% - 50.00%
Magnesium Silicate Hydrate	14807-96-6	20.00% - 30.00%
Titanium Dioxide	13463-67-7	5.00% - 10.00%
Solvent, Naphtha, heavy aromatic	64742-94-5	1.00% - 5.00%
Propylene Glycol Butyl Ether	5131-66-8	1.00% - 5.00%
Diisodecyl Phthalate	68515-49-1	1.00% - 5.00%
Xylenes	1330-20-7	1.00% - 5.00%
Ethyl Benzene	100-41-4	0.10% - 1.00%
Carbon Black	1333-86-4	0.10% - 1.00%
Naphtha (petroleum) hydrotreated heavy	64742-48-9	0.10% - 1.00%
Naphthelene	91-20-3	0.10% - 1.00%
Solvent, Naptha, Heavy Aromatic	64742-95-6	0.10% - 1.00%

### SECTION 4 - FIRST AID MEASURES

#### General Advice

If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.

#### Inhalation

Remove to fresh air. If breathing has stopped, apply artificial respiration. If breathing is difficult, give oxygen if a qualified operator is available. Get medical attention.

#### Eye Contact

Immediately flush eyes with large amounts of water for at least 20 minutes, while holding eyelids open. Obtain medical attention immediately, as a precaution.

#### Skin Contact

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

#### Ingestion

If person is conscious, give them several glasses of water to drink. Do NOT induce vomiting unless directed to do so by medical personnel. Obtain immediate medical attention.

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

No information available

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

Consult a physician

SDS for: CSE-7206 Part A

## SECTION 5: FIRE-FIGHTING MEASURES

### **Extinguishing Media**

#### **Suitable extinguishing media**

Carbon Dioxide, Dry Chemical, Foam

#### **Unsuitable extinguishing media**

None identified

#### **Special hazards arising from the substance or mixture**

None identified

#### **Advice for firefighters**

No data available

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### **Personal precautions, protective equipment and emergency procedures:**

Wear protective equipment. Keep unprotected persons away.

Keep people at a distance and stay on the windward side.

Ensure adequate ventilation.

Keep away from ignition sources.

### **Environmental precautions:**

Do not allow product to reach sewage system or water bodies.

Inform respective authorities in case product reaches water or sewage system.

Prevent from spreading (e.g. by damming-in or oil barriers).

Keep dirty washing solution for appropriate disposal.

### **Methods and material for containment and cleaning up:**

Ensure adequate ventilation and proper training.

Absorb with liquid-binding non combustible material (e.g. sand).

Clean the accident area carefully.

Send for recovery or disposal in suitable containers.

### **Reference to other sections:**

See Section 2, 7, 8 and 13

## SECTION 7: HANDLING AND STORAGE

### **Precautions for safe handling:**

See Section 2

### **Conditions for safe storage:**

Store in a well-ventilated place.

Keep cool.

Store with only compatible materials.

### **Specific end uses(s):**

See Section 1

## SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Bis A, Epichlorohydrin Epoxy 25068-38-6	Not Established	Not Established	Not Established
Magnesium Silicate Hydrate 14807-96-6	TWA 20ppm Table Z-3 TWA 2mg/m3 Table Z-1	2 mg/m3 TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)	NIOSH: 2 mg/m3 TWA (containing no Asbestos and <1% Quartz, respirable dust)
Titanium Dioxide 13463-67-7	15 mg/m3 TWA (total dust)	10 mg/m3 TWA	Not Established
Solvent, Naphtha, heavy aromatic 64742-94-5	Not Established	Not Established	Not Established
Propylene Glycol Butyl Ether 5131-66-8	Not Established	Not Established	Not Established
Diisodecyl Phthalate 68515-49-1	Not Established	Not Established	Not Established
Xylenes 1330-20-7	100 ppm TWA; 435 mg/m3 TWA	150 ppm STEL 100 ppm TWA	Not Established
Ethyl Benzene 100-41-4	100 ppm TWA; 435 mg/m3 TWA	20 ppm TWA	NIOSH: 100 ppm TWA; 435 mg/m3 TWA 125 ppm STEL; 545 mg/m3 STEL
Carbon Black 1333-86-4	3.5 mg/m3 TWA	3 mg/m3 TWA (inhalable fraction)	NIOSH: 3.5 mg/m3 TWA; 0.1 mg/m3 TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as PAH)
Naphtha (petroleum) hydrotreated heavy 64742-48-9	Not Established	Not Established	Not Established
Naphthelene 91-20-3	10 ppm TWA; 50 mg/m3 TWA	10 ppm TWA	NIOSH: 10 ppm TWA; 50 mg/m3 TWA 15 ppm STEL; 75 mg/m3 STEL
Solvent, Naptha, Heavy Aromatic 64742-95-6	Not Established	Not Established	Not Established

### Additional information about design of technical systems:

Engineering controls should be used as a primary means to control exposures.

Make available emergency shower and eye wash at the workplace according to appropriate standards.

A workplace risk assessment must be carried out in order to determine the corrective engineering control and organizational measures and personal protective equipment.

No further data; see Section 7.

### Exposure controls

#### Appropriate engineering controls:

No data available

#### General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Take off immediately all contaminated clothing.

Laundry work clothing regularly.

Wash hands before breaks and at the end of the work.

Avoid contact with the eyes and skin.

Do not inhale gases / fumes / aerosols.

Do not eat, drink or smoke while working to limit potential ingestion of chemicals.

## Personal Protective Equipment

### Eye and Face Protection:

Wear eye protection/face protection.

### Skin Protection:

Wear protective gloves/protective clothing.

### Hand Protection:

The glove material has to be impermeable and resistant to the product.

Due to missing tests no recommendation to the glove material can be given for the product.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation .

### Respiratory Protection:

Engineering controls should be used as primary means to control exposures. Local exhaust ventilation is required unless used in a closed system. For laboratory use, handle in a lab fume hood.

If the applicable Occupational Exposure Level (OEL) is exceeded, wear a NIOSH certified respiratory protection equipment meeting US requirements (1910.134 Occupational Safety and Health Administration, Personal Protective Equipment, Respiratory Protection) with a protection factor sufficient to control exposures to below the OEL .

### Environmental Exposure Controls:

See Section 6.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b> No Data Found	<b>Odor:</b> No Data Found
<b>Vapor Pressure:</b> 2.0 kPa	<b>Odor threshold:</b> No Data Found
<b>Vapor Density:</b> 4.6	<b>pH:</b> No Data Found
<b>Specific Gravity</b> 1.38	<b>Melting point:</b> No Data Found
<b>Freezing point:</b> No Data Found	<b>Solubility:</b> No Data Found
<b>Boiling range:</b> >=130C	<b>Flash point:</b> 32C
<b>Evaporation rate:</b> No Data Found	<b>Flammability:</b> No Data Found
<b>Explosive Limits:</b> No Data Found	<b>Partition coefficient (n-octanol/water):</b> No Data Found
<b>Autoignition temperature:</b> No Data Found	<b>Decomposition temperature:</b> No Data Found
<b>Viscosity:</b> No Data Found	<b>Grams VOC less water:</b> No Data Found

## SECTION 10: STABILITY AND REACTIVITY

### Reactivity:

No known hazards with respect to reactivity when handled and stored according to provisions.

### Chemical Stability:

Stable under recommended storage and handling conditions.

### Thermal decomposition / conditions to avoid:

Avoid exposure to heat, sources of ignition, and open flame . No decomposition if used according to specifications.

### Possibility of hazardous reactions:

No data available.

### Conditions to avoid:

High Temperatures.

Heat, flames and sparks.

See section 2.

### Incompatible materials:

No further information available.

Strong Oxidizing Agents

Chlorates

Nitrates

Heat/sparks/open flames/hot surfaces.

Strong Oxidizers

Acids

Amines

Bases

### Hazardous decomposition products:

In case of fire: Carbon Dioxide, Carbon Monoxide, Hydrocarbons

SDS for: CSE-7206 Part A

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Mixture Toxicity**

Inhalation Toxicity LC50: 121mg/L

**Component Toxicity**

1330-20-7	Xylenes Oral LD50: 3,500 mg/kg (Rat) Dermal LD50: 2,000 mg/kg (rabbit) Inhalation LC50: 29 mg/L (Rat)
100-41-4	Ethyl Benzene Oral LD50: 3,500 mg/kg (Rat) Inhalation LC50: 17 mg/L (Rat)
1333-86-4	Carbon Black Dermal LD50: 3,000 mg/kg (Rabbit)
91-20-3	Naphthelene Oral LD50: 1,110 mg/kg (Rat) Dermal LD50: 1,120 mg/kg (Rabbit)

**No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label.**

**Routes of Entry:**

Inhalation      Skin Contact      Eye Contact      Ingestion

**Exposure to this material may affect the following organs:**

Blood    Eyes      Kidneys      Liver      Lungs      Central Nervous System      Skin  
 Cardiovascular System      Respiratory System

**Effects of Overexposure**

- Chronic overexposure can cause harm to blood and central nervous system.
- May be harmful if inhaled. Causes respiratory tract irritation.
- May be harmful if absorbed through skin. Causes skin irritation.
- May cause eye irritation.
- May be harmful if swallowed

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
100-41-4	Ethyl Benzene	0.1 to 1.0%	Ethyl Benzene: IARC: Possible human carcinogen OSHA: listed
1333-86-4	Carbon Black	0.1 to 1.0%	Carbon Black: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed
13463-67-7	Titanium Dioxide	5 to 10%	Titanium Dioxide: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed
64742-48-9	Naphtha (petroleum) hydrotreated heavy	0.1 to 1.0%	Naphtha (petroleum) hydrotreated heavy: EU REACH: Present (P)
64742-95-6	Solvent, Naptha, Heavy Aromatic	0.1 to 1.0%	Solvent, Naptha, Heavy Aromatic: EU REACH: Present (P)
91-20-3	Naphthelene	0.1 to 1.0%	Naphthelene: IARC: Possible human carcinogen OSHA: listed

## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity:**

No ecotoxicological data for the substance itself are available.

**Persistence and degradability:**

No further relevant information available.

**Bioaccumulative potential:**

No further relevant information available.

**Mobility in soil:**

No further relevant information available

**Results of PBT and VPvB assessment:**

No data available

**Other adverse effects:**

No further relevant information available.

**Component Ecotoxicity**

Magnesium Silicate Hydrate	96 Hr LC50 Brachydanio rerio: >100 g/L [semi-static]
Solvent, Naphtha, heavy aromatic	96 Hr LC50 Pimephales promelas: 19 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 2.34 mg/L; 96 Hr LC50 Lepomis macrochirus: 1740 mg/L [static]; 96 Hr LC50 Pimephales promelas: 45 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 41 mg/L 48 Hr EC50 Daphnia magna: 0.95 mg/L
Diisodecyl Phthalate	96 Hr LC50 Pimephales promelas: >0.66 mg/L [static]; 96 Hr LC50 Pimephales promelas: >1 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: >1 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: >0.62 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: >0.55 mg/L [static] 48 Hr EC50 Daphnia magna: >0.18 mg/L 96 Hr EC50 Pseudokirchneriella subcapitata: >1.3 mg/L
Xylenes	96 Hr LC50 Pimephales promelas: 13.4 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 2.661 - 4.093 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 13.5 - 17.3 mg/L; 96 Hr LC50 Lepomis macrochirus: 13.1 - 16.5 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 19 mg/L; 96 Hr LC50 Lepomis macrochirus: 7.711 - 9.591 mg/L [static]; 96 Hr LC50 Pimephales promelas: 23.53 - 29.97 mg/L [static]; 96 Hr LC50 Cyprinus carpio: 780 mg/L [semi-static]; 96 Hr LC50 Cyprinus carpio: >780 mg/L; 96 Hr LC50 Poecilia reticulata: 30.26 - 40.75 mg/L [static] 48 Hr EC50 water flea: 3.82 mg/L; 48 Hr LC50 Gammarus lacustris: 0.6 mg/L
Ethyl Benzene	96 Hr LC50 Oncorhynchus mykiss: 11.0 - 18.0 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 4.2 mg/L [semi-static]; 96 Hr LC50 Pimephales promelas: 7.55 - 11 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 32 mg/L [static]; 96 Hr LC50 Pimephales promelas: 9.1 - 15.6 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 9.6 mg/L [static] 48 Hr EC50 Daphnia magna: 1.8 - 2.4 mg/L 72 Hr EC50 Pseudokirchneriella subcapitata: 4.6 mg/L; 96 Hr EC50 Pseudokirchneriella subcapitata: >438 mg/L; 72 Hr EC50 Pseudokirchneriella subcapitata: 2.6 - 11.3 mg/L [static]; 96 Hr EC50 Pseudokirchneriella subcapitata: 1.7 - 7.6 mg/L [static]
Carbon Black	LC50-Danio Rerio (Zebra Fish) - 1000mg/l - 96h Daphnia Magna (Water Flea) - 5600mg/l - 24h EC50-Desmodesmus Subspicatus - 10000mg/l - 72h
Naphtha (petroleum) hydrotreated heavy	96 Hr LC50 Pimephales promelas: 2200 mg/L
Naphthelene	96 Hr LC50 Pimephales promelas: 5.74 - 6.44 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 1.6 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 0.91 - 2.82 mg/L [static]; 96 Hr LC50 Pimephales promelas: 1.99 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 31.0265 mg/L [static] 48 Hr LC50 Daphnia magna: 2.16 mg/L; 48 Hr EC50 Daphnia magna: 1.96 mg/L [Flow through]; 48 Hr EC50 Daphnia magna: 1.09 - 3.4 mg/L [Static]
Solvent, Naptha, Heavy Aromatic	96 Hr LC50 Oncorhynchus mykiss: 9.22 mg/L 48 Hr EC50 Daphnia magna: 6.14 mg/L

## SECTION 13: DISPOSAL CONSIDERATIONS

### Waste treatment methods:

Waste material must be disposed of I/A/W Federal, State & Local environmental control regulations. Incineration is a recommended technology. Empty containers must be handled with care due to product residue. Decontaminate containers prior to disposal. Do not heat/cut empty container with electric or gas torch.

## SECTION 14: TRANSPORT INFORMATION

### Environmental hazards:

No information available

### Special precautions for users:

No information available.

### Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not required, not intended to be carried in bulk tankers.

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
IATA	Paint	1263	III	3
IMDG	Paint	1263	III	3
USDOT	Paint	1263	III	3

## SECTION 15: REGULATORY INFORMATION

### Classification:

Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

- 1333-86-4 Carbon Black 0.1 to 1.0 %
- 91-20-3 Naphthelene 0.1 to 1.0 %
- 100-41-4 Ethyl Benzene 0.1 to 1.0 %
- 68515-49-1 Diisodecyl Phthalate 1 to 5 %
- 13463-67-7 Titanium Dioxide 5 to 10 %

### Clean Air Act

- 91-20-3 Naphthelene 0.1 to 1.0 %
- 100-41-4 Ethyl Benzene 0.1 to 1.0 %
- 1330-20-7 Xylenes 1 to 5 %
- 5131-66-8 Propylene Glycol Butyl Ether 1 to 5 %

### Clean Water Act

- 91-20-3 Naphthelene 0.1 to 1.0 %
- 100-41-4 Ethyl Benzene 0.1 to 1.0 %
- 1330-20-7 Xylenes 1 to 5 %

### SARA Section 302

- 91-20-3
- 100-41-4
- 1330-20-7

### OSHA Hazards

- 1333-86-4 Carbon Black 0.1 to 1.0 % Carcinogen
- 100-41-4 Ethyl Benzene 0.1 to 1.0 % Carcinogen, Flammable liquid
- 1330-20-7 Xylenes 1 to 5 % Carcinogen, Flammable liquid, Target Organ Effect, Harmful /skin absorption, Irritant
- 14807-96-6 Magnesium Silicate Hydrate 20 to 30 % Carcinogen, Target Organ Effect, Toxic by inhalation
- 25068-38-6 Bis A, Epichlorohydrin Epoxy 40 to 50 % Harmful /skin absorption, Irritant
- None



## SARA 311/312

1333-86-4 Chronic Health Hazard  
64742-48-9 Fire Hazard  
64742-95-6 Fire Hazard, Chronic Health Hazard, Acute Health Hazard  
100-41-4 Fire Hazard, Chronic Health Hazard  
1330-20-7 Fire Hazard, Chronic Health Hazard, Acute Health Hazard  
14807-96-6 Chronic Health Hazard, Acute Health Hazard  
25068-38-6 Acute Health Hazard

## SARA 313

91-20-3 Naphthelene 0.1 to 1.0 %  
100-41-4 Ethyl Benzene 0.1 to 1.0 %  
1330-20-7 Xylenes 1 to 5 %

## TSCA (Toxic Substance Control Act)

64742-48-9 Naphtha (petroleum) hydrotreated heavy 0.1 to 1.0 %  
91-20-3 Naphthelene 0.1 to 1.0 %  
64742-95-6 Solvent, Naptha, Heavy Aromatic 0.1 to 1.0 %  
100-41-4 Ethyl Benzene 0.1 to 1.0 %  
5131-66-8 Propylene Glycol Butyl Ether 1 to 5 %  
64742-94-5 Solvent, Naphtha, heavy aromatic 1 to 5 %  
68515-49-1 Diisodecyl Phthalate 1 to 5 %

## TSCA (Toxic Substance Control Act) 8b

1333-86-4 Carbon Black 0.1 to 1.0 %  
64742-95-6 Solvent, Naptha, Heavy Aromatic 0.1 to 1.0 %  
64742-48-9 Naphtha (petroleum) hydrotreated heavy 0.1 to 1.0 %  
91-20-3 Naphthelene 0.1 to 1.0 %  
100-41-4 Ethyl Benzene 0.1 to 1.0 %  
1330-20-7 Xylenes 1 to 5 %  
5131-66-8 Propylene Glycol Butyl Ether 1 to 5 %  
64742-94-5 Solvent, Naphtha, heavy aromatic 1 to 5 %  
68515-49-1 Diisodecyl Phthalate 1 to 5 %  
13463-67-7 Titanium Dioxide 5 to 10 %  
14807-96-6 Magnesium Silicate Hydrate 20 to 30 %  
25068-38-6 Bis A, Epichlorohydrin Epoxy 40 to 50 %

Country	Regulation	All Components Listed
USA	New Jersey Right to Know	No
USA	Pennsylvania Right to Know	No
USA	Massachusetts Right to Know	No
AU	Australia inventory	Yes
CA	Canadian Domestic Substances List/Non-Domestic Substances List	Yes
EU	European inventory	No
JP	Japan inventory	No
CN	China inventory	Yes
Korea	Korean Existing and Evaluated Chemical Substances	Yes
NZ	New Zealand inventory	Yes
PH	Philippine The Toxic Substances and Hazardous and Nuclear Waste Control Act	Yes
Canada		No

## EU Risk Phrases

### Safety Phrase

**Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA).** This product contains a chemical or chemicals which are subject to the reporting requirements of the Act, and Title 40 of the Code of Federal Regulations part 372.

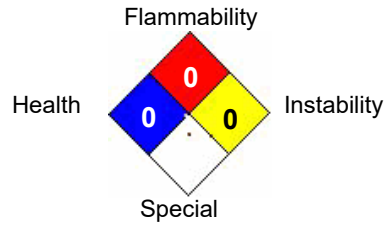
**SECTION 16: OTHER INFORMATION**

**Hazardous Material Information System (HMIS)**

HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

**HMIS & NFPA Hazard Rating Legend**  
\* = Chronic Health Hazard  
0 = INSIGNIFICANT  
1 = SLIGHT  
2 = MODERATE  
3 = HIGH

**National Fire Protection Association (NFPA)**



**DISCLAIMER:** 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.

Date revised: 2017-03-29  
Date Prepared: 5/4/2021

Reviewer Revision 2