

# SAFETY DATA SHEET

Issuing Date: 22-Dec-2011 Revision Date: 23-Feb-2015 Revision Number: 1

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Code: 16635REF-LVOC Product Name: 11136 RED EPOXZEN,
MIL-PRF-22750G(I),PART A,TY II,CL H,GR A

Hentzen Coatings, Inc.

Company Phone Number: 1-414-353-4200
6937 West Mill Road, Milwaukee, WI 53218-1225

Emergency telephone number ChemTrec 1-800-424-9300

Recommended use of the chemical and restrictions on use Industrial paint (Paint or Paint-Related), Restricted to

professional users

### 2. HAZARDS IDENTIFICATION

#### Classification

### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| Acute toxicity - Oral                            | Category 4  |
|--|-------------|
| Acute toxicity - Inhalation (Dusts/Mists)        | Category 4  |
| Skin Corrosion/Irritation                        | Category 2  |
| Serious eye damage/eye irritation                | Category 2  |
| Skin sensitization                               | Category 1  |
| Germ Cell Mutagenicity                           | Category 1B |
| Carcinogenicity                                  | Category 1B |
| Specific target organ toxicity (single exposure) | Category 3  |
| Flammable Liquids                                | Category 2  |

### **Label Elements**

#### **Emergency Overview**

#### DANGER

#### **Hazard Statements**

Harmful if swallowed
harmful if inhaled
Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
May cause genetic defects
May cause cancer

May cause drowsiness or dizziness Highly flammable liquid and vapor



Appearance Opaque Physical state Liquid Odor Solvent

**Precautionary Statements - Prevention** 

# 16635REF-LVOC - 11136 RED EPOXZEN, MIL-PRF-22750G(I), PART A, TY II, CL H, GR A

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Obtain special instructions before use

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

Use personal protective equipment as required

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

Contaminated work clothing should not be allowed out of the workplace

Keep away from heat/sparks/open flames/hot surfaces. - No smoking

Keep container tightly closed

Ground/Bond container and receiving equipment

Use explosion-proof electrical/ventilating/lighting/equipment

Use only non-sparking tools

Take precautionary measures against static discharge

Keep cool

Wear protective gloves/protective clothing/eye protection/face protection

### **Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

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 skin irritation or rash occurs: Get medical advice/attention

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Rinse mouth

In case of fire: Use CO2, dry chemical, or foam for extinction

#### **Precautionary Statements - Storage**

Store in a well-ventilated place. Keep container tightly closed

Store in accordance with local regulations

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

#### Hazards not otherwise classified (HNOC)

Other information

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Contains a known or suspected carcinogen

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

| Chemical Name                                     | CAS No     | Weight-%  | ACGIH                         | OSHA                                       |
|---|------------|-----------|-------------------------------|--|
| METHYL ACETATE                                    | 79-20-9    | 10% - 20% | STEL: 250 ppm                 | TWA: 200 ppm                               |
|   |            |           | TWA: 200 ppm                  | TWA: 610 mg/m <sup>3</sup>                 |
| BARIUM SULFATE                                    | 7727-43-7  | 10% - 20% | TWA: 5 mg/m³ inhalable        |  |
|   |            |           | fraction, particulate matter  | dust                                       |
|   |            |           |                               | TWA: 5 mg/m³ respirable                    |
|   |            |           | and <1% crystalline silica    | fraction                                   |
| BISPHENOL A/ EPICHLOROHYDRIN BASED<br>EPOXY RESIN | 25068-38-6 | 10% - 20% | N/A                           | N/A  |
| METHYL AMYL KETONE                                | 110-43-0   | 5% - 10%  | TWA: 50 ppm                   | TWA: 100 ppm<br>TWA: 465 mg/m <sup>3</sup> |
| BUTYL ACETATE                                     | 123-86-4   | 1% - 5%   | STEL: 200 ppm<br>TWA: 150 ppm | TWA: 150 ppm<br>TWA: 710 mg/m <sup>3</sup> |
| TITANIUM DIOXIDE                                  | 13463-67-7 | 0% - 1%   | TWA: 10 mg/m <sup>3</sup>     | TWA: 15 mg/m <sup>3</sup> total            |

|                                  |            |         |              | dust  |
|----------------------------------|------------|---------|--------------|---|
| LIGHT AROMATIC NAPHTHA           | 64742-95-6 | 0% - 1% | N/A          | N/A   |
| MINERAL SPIRITS/STODDARD SOLVENT | 8052-41-3  | 0% - 1% | TWA: 100 ppm | TWA: 500 ppm<br>TWA: 2900 mg/m <sup>3</sup> |

### 4. FIRST AID MEASURES

**First Aid Measures** 

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

physician.

Eye Contact Immediately flush eyes with water for at least 15 minutes. Get medical attention. If easy to

do, remove contact lenses. Keep eye wide open while rinsing. If symptoms persist, call a

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physician.

**Skin Contact** Remove and wash contaminated clothing and gloves, including the inside, before re-use. If

skin irritation persists, call a physician. Immediate medical attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and

shoes.

**Inhalation** Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Remove to

fresh air. If breathing is irregular or stopped, administer artificial respiration. Consult a physician if necessary. Immediate medical attention is not required. Move to fresh air in

case of accidental inhalation of vapors. If symptoms persist, call a physician.

**Ingestion** Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician. Rinse

mouth. Clean mouth with water and afterwards drink plenty of water. Never give anything by

mouth to an unconscious person. Consult a physician if necessary.

Self-protection of the first aider Remove all sources of ignition. Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

**Most Important Symptoms and** 

**Effects** 

No information available.

Indication of any immediate medical attention and special treatment needed

**Notes to physician**Treat symptomatically. May cause sensitization of susceptible persons.

### 5. FIRE-FIGHTING MEASURES

#### **Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media No information available.

# Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Extremely flammable.

#### **Explosion Data**

Sensitivity to Mechanical Impact no data available.

Sensitivity to Static Discharge Yes.

#### Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus and protective suit.

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate

ventilation. Use personal protective equipment as required. Keep people away from and

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upwind of spill/leak. Avoid breathing vapors or mists. Ventilate the area.

**Environmental Precautions** 

**Environmental Precautions** Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do

not flush into surface water or sanitary sewer system. Vapors are heavier than air, spread

along floors and form explosive mixtures with air.

Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so. Dike far ahead of liquid spill for later

disposal.

Methods for Cleaning Up Pick up and transfer to properly labeled containers. Dam up. Soak up with inert absorbent

material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Soak up with inert

absorbent material.

### 7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Ensure adequate ventilation. Keep away from open flames, hot surfaces and sources of

ignition. Take precautionary measures against static discharges. Use explosion-proof electrical (ventilation and lighting) equipment. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Use with local exhaust ventilation. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe vapor or mist. To dissipate static electricity during transfer, ground drum and connect to receiving container with bonding strap. Use only non-sparking tools.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep away

from heat, sparks and flame. Keep containers tightly closed in a cool, well-ventilated place.

**Incompatible Products**None known based on information supplied.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| Chemical Name      | ACGIH                               | OSHA                             | NIOSH IDLH                               |
|--------------------|-------------------------------------|----------------------------------|--|
| METHYL ACETATE     | STEL: 250 ppm                       | TWA: 200 ppm                     | IDLH: 3100 ppm                           |
| 79-20-9            | TWA: 200 ppm                        | TWA: 610 mg/m <sup>3</sup>       | TWA: 200 ppm                             |
|                    |                                     |                                  | TWA: 610 mg/m <sup>3</sup>               |
|                    |                                     |                                  | STEL: 250 ppm                            |
|                    |                                     |                                  | STEL: 760 mg/m <sup>3</sup>              |
| BARIUM SULFATE     | TWA: 5 mg/m³ inhalable fraction,    | TWA: 15 mg/m³ total dust         | TWA: 10 mg/m <sup>3</sup> total dust     |
| 7727-43-7          | particulate matter containing no    | TWA: 5 mg/m³ respirable fraction | TWA: 5 mg/m³ respirable dust             |
|                    | asbestos and <1% crystalline silica |                                  |  |
| BENZENE,1-CHLORO-4 | TWA: 2.5 mg/m <sup>3</sup> F        | TWA: 2.5 mg/m <sup>3</sup> F     |  |
| (TRIFLUOROMETHYL)  |                                     | TWA: 2.5 mg/m³ dust              |  |
| 98-56-6            |                                     |                                  |  |
| METHYL AMYL KETONE | TWA: 50 ppm                         | TWA: 100 ppm                     | IDLH: 800 ppm                            |
| 110-43-0           |                                     | TWA: 465 mg/m <sup>3</sup>       | TWA: 100 ppm                             |
|                    |                                     |                                  | TWA: 465 mg/m <sup>3</sup>               |
| IRON (III) OXIDE   | TWA: 5 mg/m³ respirable fraction    | TWA: 10 mg/m <sup>3</sup> fume   | IDLH: 2500 mg/m <sup>3</sup> Fe dust and |
| 1309-37-1          |                                     | TWA: 15 mg/m³ total dust         | fume                                     |

|                                |                           | TWA: 5 mg/m³ respirable fraction | TWA: 5 mg/m <sup>3</sup> Fe dust and fume |
|--------------------------------|---------------------------|----------------------------------|---|
| BUTYL ACETATE                  | STEL: 200 ppm             | TWA: 150 ppm                     | IDLH: 1700 ppm                            |
| 123-86-4                       | TWA: 150 ppm              | TWA: 710 mg/m <sup>3</sup>       | TWA: 150 ppm                              |
|                                |                           |                                  | TWA: 710 mg/m <sup>3</sup>                |
|                                |                           |                                  | STEL: 200 ppm                             |
|                                |                           |                                  | STEL: 950 mg/m <sup>3</sup>               |
| TITANIUM DIOXIDE<br>13463-67-7 | TWA: 10 mg/m <sup>3</sup> | TWA: 15 mg/m³ total dust         | IDLH: 5000 mg/m <sup>3</sup>              |

NIOSH IDLH: Immediately Dangerous to Life or Health

#### **Exposure controls**

**Showers Engineering Measures** 

Eyewash stations Ventilation systems.

#### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Use personal protective equipment as required.

**Skin and Body Protection** Chemical resistant apron.

**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

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provided in accordance with current local regulations.

Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work **Hygiene Measures** 

area and clothing is recommended.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state** Liquid **Appearance** Opaque

Solvent. Odor Threshold No data available Odor рΗ 14 °F / -10 °C No data available Flash Point 133 °F / 56 °C Decomposition temperature No data available **Boiling Point** Melting Point / Melting Range No data available **Freezing Point** No data available Vapor Pressure @20°C (kPa) No data available Partition coefficient: No data available **Vapor Density** No data available Density No data available **Bulk density** No data available **Specific Gravity** 1.29342180322455 No data available **Evaporation Rate** Water solubility No data available

Dynamic viscosity No data available Weight per Gallon (lbs/gal): 10.77

Flammability Limits in Air

Upper 4.85 % 0.8 % Lower

### 10. STABILITY AND REACTIVITY

#### Reactivity

No data available

### **Chemical stability**

Stable under recommended storage conditions.

### **Conditions to Avoid**

Extremes of temperature and direct sunlight.

#### **Incompatible Materials**

None known based on information supplied.

#### **Hazardous Decomposition Products**

Thermal decomposition can lead to release of irritating gases and vapors.

### 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

**Product Information** The product has not been tested

**Inhalation** There is no data for this product.

**Eye Contact** There is no data for this product.

**Skin Contact** There is no data for this product.

**Ingestion** There is no data for this product.

| Chemical Name                                      | Oral LD50          | Dermal LD50         | Inhalation LC50     |
|--|--------------------|---------------------|---------------------|
| METHYL ACETATE<br>79-20-9                          | 5 g/kg(Rat)        | 5 g/kg(Rabbit)      | 16000 ppm (Rat) 4 h |
| BENZENE,1-CHLORO-4<br>(TRIFLUOROMETHYL)<br>98-56-6 | 13 g/kg(Rat)       | 2 mL/kg(Rabbit)     | 33 mg/L (Rat)4 h    |
| METHYL AMYL KETONE<br>110-43-0                     | 1600 mg/kg ( Rat ) | 12.6 mL/kg(Rabbit)  | 2000 ppm (Rat) 4 h  |
| IRON (III) OXIDE<br>1309-37-1                      | 10000 mg/kg (Rat)  | N/A                 | N/A                 |
| BUTYL ACETATE<br>123-86-4                          | 10768 mg/kg (Rat)  | 17600 mg/kg(Rabbit) | 390 ppm (Rat) 4 h   |
| TITANIUM DIOXIDE<br>13463-67-7                     | 10000 mg/kg (Rat)  | N/A                 | N/A                 |

#### Information on toxicological effects

**Symptoms** No information available.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

MUTAGENIC EFFECTS No information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name    | ACGIH | IARC     | NTP | OSHA |
|------------------|-------|----------|-----|------|
| IRON (III) OXIDE | N/A   | Group 3  | N/A | N/A  |
| 1309-37-1        |       |          |     |      |
| TITANIUM DIOXIDE | N/A   | Group 2B | N/A | X    |
| 13463-67-7       |       |          |     |      |

#### Legend:

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive Toxicity
Specific target organ systemic toxicity (single exposure)
Specific target organ systemic toxicity (repeated exposure)

No information available. No information available.

No information available.

icity (repeated exposure)
Chronic Toxicity

Prolonged or repeated exposure increases the risk. Avoid repeated exposure. May cause adverse liver effects. Repeated contact may cause allergic reactions in very susceptible

persons.

Target Organ Effects

Central nervous system (CNS), Eyes, Gastrointestinal tract (GI), Liver, Peripheral Nervous

System (PNS), Respiratory system, Skin.

Aspiration hazard

No information available.

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#### Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 1649 mg/kg ATEmix (dermal) 8599 mg/kg ATEmix (inhalation-dust/mist) 4.8 mg/l

Oral LD50 2034 mg/kg (rat) Estimated
Dermal LD50 10246 mg/kg (rat) Estimated

Inhalation LC50 144302 mg/l (mist) (dust) mg/m³ Estimated

Inhalation LC50

### 12. ECOLOGICAL INFORMATION

#### **Ecotoxicity**

| Chemical Name                                      | Toxicity to Algae                                | Toxicity to Fish   | Toxicity to daphnia and other aquatic invertebrates |
|--|--|--|---|
| METHYL ACETATE<br>79-20-9                          | 120: 72 h Desmodesmus<br>subspicatus mg/L EC50   | 295 - 348: 96 h Pimephales<br>promelas mg/L LC50 flow-through<br>250 - 350: 96 h Brachydanio rerio<br>mg/L LC50 static | 1026.7: 48 h Daphnia magna mg/L<br>EC50             |
| BENZENE,1-CHLORO-4<br>(TRIFLUOROMETHYL)<br>98-56-6 | N/A  | N/A  | 3.68: 48 h Daphnia magna mg/L<br>EC50               |
| METHYL AMYL KETONE<br>110-43-0                     | N/A  | 126 - 137: 96 h Pimephales promelas mg/L LC50 flow-through   | N/A   |
| BUTYL ACETATE<br>123-86-4                          | 674.7: 72 h Desmodesmus<br>subspicatus mg/L EC50 | 100: 96 h Lepomis macrochirus<br>mg/L LC50 static 17 - 19: 96 h<br>Pimephales promelas mg/L LC50<br>flow-through       | N/A   |

#### Persistence and degradability

No information available.

#### **Bioaccumulation**

No information available.

| Chemical Name      | Partition coefficient |
|--------------------|-----------------------|
| METHYL ACETATE     | 0.18                  |
| 79-20-9            |                       |
| METHYL AMYL KETONE | 1.98                  |
| 110-43-0           |                       |
| BUTYL ACETATE      | 1.81                  |
| 123-86-4           |                       |

Other adverse effects No information available

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

Waste treatment methods This material, as supplied, is a hazardous waste according to federal regulations (40 CFR

261).

US EPA Waste Number D001

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name  | California Hazardous Waste Status |
|----------------|-----------------------------------|
| METHYL ACETATE | Toxic                             |
| 79-20-9        | Ignitable                         |

| BUTYL ACETATE | Toxic |
|---------------|-------|
| 123-86-4      |       |

### 14. TRANSPORT INFORMATION

**UN-No** UN1263 Proper shipping name Paint **Hazard class** 3 **Packing Group** Ш

**Special Provisions** 149, B52, IB2, T4, TP1, TP8, TP28 Description UN1263, Paint, Marine Pollutant, 3, II

**Emergency Response Guide** 

Number

**TDG** 

**UN-No** UN1263 Proper shipping name Paint **Hazard class Packing Group** 

Description UN1263, Paint, Marine Pollutant, 3, II

MEX

UN-No UN1263 Paint Proper shipping name Hazard class 3 **Packing Group** Ш

UN1263, Paint, 3, II Description

**ICAO** 

UN-No UN1263 Proper shipping name Paint Hazard class 3 **Packing Group** Ш **Special Provisions** 

A3, A72

Description UN1263, Paint, 3, II

IATA

UN-No UN1263 **Hazard class** 3 **Packing Group** Ш **ERG Code** 3L

**Special Provisions** A3, A72, A192

IMDG/IMO

UN1263 **UN-No Hazard class** 3 **Packing Group** Ш EmS-No F-E, S-E **Special Provisions** 163, 367

RID

UN1263 **UN-No** Proper shipping name Paint Hazard class 3 **Packing Group** Ш **Classification Code** 

Description UN1263, Paint, Environmentally Hazardous, 3, II

ADR/RID

**UN-No** UN1263

Proper shipping name Paint
Hazard class 3
Packing Group II
Classification Code F1
Tunnel restriction code (D/E)

**Special Provisions** 163, 640C, 650, 367

**Description** UN1263, Paint, Environmentally Hazardous, 3, II, (D/E)

ADR/RID-Labels 3

**ADN** 

Proper shipping name Paint
Hazard class 3
Packing Group II
Classification Code F1

Special Provisions 163, 640C, 650

**Description** UN1263, Paint, Environmentally Hazardous, 3, II

Hazard Labels 3 Limited Quantity (LQ) 5 L Ventilation VE01

### 15. REGULATORY INFORMATION

International Inventories

**TSCA** Complies DSL/NDSL Complies Complies **EINECS/ELINCS** Complies **ENCS IECSC** Complies Complies **KECL PICCS** Complies **AICS** Complies

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

#### **US Federal Regulations**

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

Acute Health HazardYesChronic Health HazardNoFire HazardYesSudden Release of Pressure HazardNoReactive HazardNo

#### CAA (Clean Air Act)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

### **Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

| Chemical Name | CWA - Reportable<br>Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous<br>Substances |
|---------------|--------------------------------|------------------------|---------------------------|-------------------------------|
| BUTYL ACETATE | 5000 lb                        | N/A                    | N/A                       | X                             |

### **CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Ī | Chemical Name | Hazardous Substances RQs | Extremely Hazardous Substances RQs | RQ (reportable quantity)                   |
|---|---------------|--------------------------|------------------------------------|--|
| Ī | BUTYL ACETATE | 5000 lb                  | N/A                                | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |

### **State Regulations**

## **California Proposition 65**

This product contains the following Proposition 65 chemicals

| Chemical Name    | CAS No     | California Proposition 65 |
|------------------|------------|---------------------------|
| TITANIUM DIOXIDE | 13463-67-7 | Carcinogen                |

### U.S. State Right-to-Know Regulations

| Chemical Name      | Massachusetts | New Jersey | Pennsylvania | Illinois | Rhode Island |
|--------------------|---------------|------------|--------------|----------|--------------|
| METHYL ACETATE     | Χ             | Χ          | X            | N/A      | X            |
| BARIUM SULFATE     | Χ             | X          | X            | N/A      | X            |
| BENZENE,1-CHLORO-4 | N/A           | X          | N/A          | N/A      | X            |
| (TRIFLUOROMETHYL)  |               |            |              |          |              |
| METHYL AMYL KETONE | Χ             | Χ          | X            | N/A      | Х            |
| IRON (III) OXIDE   | Χ             | X          | X            | N/A      | Х            |
| BUTYL ACETATE      | X             | X          | X            | N/A      | X            |
| BUTYL ALCOHOL      | Χ             | Χ          | X            | N/A      | X            |

### **International Regulations**

Mexico - Grade

Serious risk, Grade 3

| Chemical Name                        | Carcinogenic Status | Exposure Limits                    |
|--------------------------------------|---------------------|------------------------------------|
| METHYL ACETATE                       | N/A                 | Mexico: TWA 200 ppm                |
|                                      |                     | Mexico: TWA 610 mg/m <sup>3</sup>  |
|                                      |                     | Mexico: STEL 250 ppm               |
|                                      |                     | Mexico: STEL 760 mg/m <sup>3</sup> |
| BENZENE,1-CHLORO-4 (TRIFLUOROMETHYL) | N/A                 | Mexico: TWA 2.5 mg/m <sup>3</sup>  |
| METHYL AMYL KETONE                   | N/A                 | Mexico: TWA 50 ppm                 |
|                                      |                     | Mexico: TWA 235 mg/m <sup>3</sup>  |
|                                      |                     | Mexico: STEL 100 ppm               |
|                                      |                     | Mexico: STEL 465 mg/m <sup>3</sup> |
| IRON (III) OXIDE                     | N/A                 | Mexico: TWA 5 mg/m <sup>3</sup>    |
|                                      |                     | Mexico: STEL 10 mg/m <sup>3</sup>  |
| BUTYL ACETATE                        | N/A                 | Mexico: TWA 150 ppm                |
|                                      |                     | Mexico: TWA 710 mg/m <sup>3</sup>  |
|                                      |                     | Mexico: STEL 200 ppm               |
|                                      |                     | Mexico: STEL 950 mg/m <sup>3</sup> |
| TITANIUM DIOXIDE                     | N/A                 | Mexico: TWA 10 mg/m <sup>3</sup>   |
|                                      |                     | Mexico: STEL 20 mg/m <sup>3</sup>  |

| 16. OTHER INFORMATION |
|-----------------------|

NFPA Health Hazard 2 Flammability 3 Instability 0 Physical and Chemical Hazards -

NFPA Rating

HMIS Health Hazard 1 \* Flammability 3 Physical Hazard 0 Personal protection X

Chronic Hazard Star Legend \* Chronic Health Hazard

 Issuing Date:
 22-Dec-2011

 Revision Date:
 23-Feb-2015

**Revision Note** 

No information available

### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. 16635REF-LVOC

end