

## SAFETY DATA SHEET

Issuing Date: 28-Feb-2012 Revision Date: 15-Dec-2017

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

Product Code: AD9318 Product Name: YELLOW AEROPRIME MIL-PRF-23377K

**TYPE I CLASS C2 PART 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	
Carcinogenicity	Category 1A	
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 cancer

Highly flammable liquid and vapor



Appearance Opaque

Physical state Liquid

Odor Solvent

## **Precautionary Statements - Prevention**

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

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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

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 cool 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

· Toxic to aquatic life

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Contains a known or suspected carcinogen

This product contains substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990. See Section 15 for list of HAPS.

Chemical Name	CAS No	Weight-%	ACGIH	OSHA
STRONTIUM CHROMATE	7789-06-2	10% - 20%	TWA: 0,0005 mg/m <sup>3</sup> Cr	TWA: 5 µg/m³ Ceiling: 0,1 mg/m³ CrO3 applies to any operations or sectors for which the Hexavalent Chromium standard [29 CFR 1910.1026] is stayed or is otherwise not in effect
BISPHENOL A/ EPICHLOROHYDRIN BASED EPOXY RESIN	25068-38-6	10% - 20%	N/A	N/A
BARIUM SULFATE	7727-43-7	5% - 10%	TWA: 5 mg/m³ inhalable particulate matter, particulate matter containing no asbestos and <1% crystalline silica	dust TWA: 5 mg/m³ respirable fraction
METHYL AMYL KETONE	110-43-0	5% - 10%	TWA: 50 ppm	TWA: 100 ppm TWA: 465 mg/m <sup>3</sup>
METHYL ISOBUTYL KETONE	108-10-1	5% - 10%_	STEL: 75 ppm	TWA: 100 ppm

			TWA: 20 ppm	TWA: 410 mg/m <sup>3</sup>
TITANIUM DIOXIDE	13463-67-7	1% - 5%	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m³ total
				dust
XYLENE(PURE)	1330-20-7	1% - 5%	STEL: 150 ppm	TWA: 100 ppm
			TWA: 100 ppm	TWA: 435 mg/m <sup>3</sup>
METHYL ETHYL KETONE	78-93-3	1% - 5%	STEL: 300 ppm	TWA: 200 ppm
			TWA: 200 ppm	TWA: 590 mg/m <sup>3</sup>
ETHYLBENZENE	100-41-4	0% - 1%	TWA: 20 ppm	TWA: 100 ppm
				TWA: 435 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. Call a physician immediately,

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If symptoms persist, call a 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 Remove to fresh air. Avoid direct contact with skin. Use barrier to give mouth-to-mouth

resuscitation. If not breathing, give artificial respiration. 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. Never give anything by mouth to an unconscious person. Call a

physician immediately.

**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 May cause sensitization of susceptible persons. Treat symptomatically,

## 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

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full

protective gear.

### 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 Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal

binder, sawdust). Pick up and transfer to properly labeled containers. 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

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

flame.

Incompatible Products

None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

## **Exposure Guidelines**

Chemical Name	ACGIH	OSHA	NIOSH IDLH
STRONTIUM CHROMATE	TWA: 0,0005 mg/m <sup>3</sup> Cr	TWA: 5 µg/m³	IDLH: 15 mg/m³ Cr(VI)
7789-06-2		Ceiling: 0.1 mg/m3 CrO3 applies to	TWA: 0.0002 mg/m <sup>3</sup> Cr
		any operations or sectors for which	Ŭ I
		the Hexavalent Chromium standard	
		[29 CFR 1910.1026] is stayed or is	
		otherwise not in effect	
BARIUM SULFATE	TWA: 5 mg/m³ inhalable particulate	TWA: 15 mg/m³ total dust	TWA: 10 mg/m <sup>3</sup> total dust
7727-43-7	matter, particulate matter containing	TWA: 5 mg/m³ respirable fraction	TWA: 5 mg/m <sup>3</sup> respirable dust
	no asbestos and <1% crystalline		
	silica		

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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>
METHYL ISOBUTYL KETONE	STEL: 75 ppm	TWA: 100 ppm	IDLH: 500 ppm
108-10-1	TWA: 20 ppm	TWA: 410 mg/m <sup>3</sup>	TWA: 50 ppm
			TWA: 205 mg/m <sup>3</sup>
			STEL: 75 ppm
			STEL: 300 mg/m <sup>3</sup>
TITANIUM DIOXIDE	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust	IDLH: 5000 mg/m <sup>3</sup>
13463-67-7			
XYLENE(PURE)	STEL: 150 ppm	TWA: 100 ppm	
1330-20-7	TWA: 100 ppm	TWA: 435 mg/m <sup>3</sup>	
METHYL ETHYL KETONE	STEL: 300 ppm	TWA: 200 ppm	IDLH: 3000 ppm
78-93-3	TWA: 200 ppm	TWA: 590 mg/m <sup>3</sup>	TWA: 200 ppm
1			TWA: 590 mg/m <sup>3</sup>
			STEL: 300 ppm
			STEL: 885 mg/m <sup>3</sup>
ETHYLBENZENE	TWA: 20 ppm	TWA: 100 ppm	IDLH: 800 ppm
100-41-4		TWA: 435 mg/m <sup>3</sup>	TWA: 100 ppm
			TWA: 435 mg/m <sup>3</sup>
		1	STEL: 125 ppm
			STEL: 545 mg/m <sup>3</sup>

NIOSH IDLH: Immediately Dangerous to Life or Health

### Exposure controls

**Engineering Measures** Showers

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

provided in accordance with current local regulations.

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

area and clothing is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state Liquid **Appearance** Opaque Odor Solvent. Odor Threshold No data available No data available рΗ Flash Point 12 °F / -11 °C Decomposition temperature No data available 171 °F / 77 °C **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 1.54

**Specific Gravity** 

**Evaporation Rate** No data available Water solubility No data available

Dynamic viscosity No data available Weight per Gallon (lbs/gal): 12.81 Flammability Limits in Air

> Upper 1.58 % 0.23 % Lower

## 10. STABILITY AND REACTIVITY

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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** 

None known based on information supplied.

## 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
STRONTIUM CHROMATE 7789-06-2	= 811 mg/kg ( Rat )	N/A	N/A
METHYL AMYL KETONE 110-43-0	= 1600 mg/kg (Rat)	= 12.6 mL/kg ( Rabbit )	2000 - 4000 ppm (Rat) 6 h
METHYL ISOBUTYL KETONE 108-10-1	= 2080 mg/kg (Rat)	= 3000 mg/kg ( Rabbit )	= 8,2 mg/L (Rat)4 h
TITANIUM DIOXIDE 13463-67-7	> 10000 mg/kg ( Rat )	N/A	N/A
XYLENE(PURE) 1330-20-7	= 3500 mg/kg (Rat)	> 4350 mg/kg ( Rabbit )	= 29,08 mg/L (Rat)4 h
METHYL ETHYL KETONE 78-93-3	= 2483 mg/kg (Rat)	= 5000 mg/kg ( Rabbit )	= 11700 ppm (Rat) 4 h
ETHYLBENZENE 100-41-4	= 3500 mg/kg (Rat)	= 15400 mg/kg ( Rabbit )	= 17.4 mg/L (Rat)4 h

### 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 This product contains one or more substances which are classified by IARC as

carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly

carcinogenic to humans (Group 2B).

Chemical Name	ACGIH	IARC	NTP	OSHA
STRONTIUM CHROMATE	A2	Group 1	Known	X
7789-06-2				
METHYL ISOBUTYL	A3	Group 2B	N/A	X
KETONE				
108-10-1				
TITANIUM DIOXIDE	N/A	Group 2B	N/A	X
13463-67-7				
XYLENE(PURE)	N/A	Group 3	N/A	N/A

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1330-20-7				
ETHYLBENZENE	A3	Group 2B	N/A	X
100-41-4				

### Legend:

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

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 No information available. No information available.

toxicity (repeated exposure)

**Chronic Toxicity** 

No information available:

Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure. May cause adverse effects on the bone marrow and blood-forming system. May

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cause adverse liver effects.

**Target Organ Effects** 

Blood, Central nervous system (CNS), Eyes, Kidney, Liver, Lungs, Peripheral Nervous

System (PNS), Respiratory system, Skin.

Aspiration hazard

No information available.

### Numerical measures of toxicity - Product Information

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

ATEmix (oral) 1279 mg/kg ATEmix (dermal) 11738 mg/kg ATEmix (inhalation-dust/mist) 3.5 mg/l

Oral LD50 2021 mg/kg (rat) Estimated **Dermal LD50** 28409 mg/kg (rat) Estimated

### 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to daphnia and other aquatic invertebrates
METHYL AMYL KETONE	N/A	126 - 137: 96 h Pimephales	N/A
110-43-0		promelas mg/L LC50 flow-through	
METHYL ISOBUTYL KETONE	400: 96 h Pseudokirchneriella	496 - 514: 96 h Pimephales	170: 48 h Daphnia magna mg/L
108-10-1	subcapitata mg/L EC50	promelas mg/L LC50 flow-through	EC50
XYLENE(PURE)	N/A	13.1 - 16.5: 96 h Lepomis	0.6: 48 h Gammarus lacustris mg/L
1330-20-7		macrochirus mg/L LC50	LC50 3.82: 48 h water flea mg/L
		flow-through 13.5 - 17.3: 96 h	EC50
		Oncorhynchus mykiss mg/L LC50	
		2.661 - 4.093: 96 h Oncorhynchus	
		mykiss mg/L LC50 static 23.53 -	
		29.97: 96 h Pimephales promelas	
		mg/L LC50 static 30.26 - 40.75: 96	
		h Poecilia reticulata mg/L LC50	
		static 7.711 - 9.591: 96 h Lepomis	
		macrochirus mg/L LC50 static 13.4:	
		96 h Pimephales promelas mg/L	
		LC50 flow-through 19: 96 h Lepomis	
		macrochirus mg/L LC50 780: 96 h	t
		Cyprinus carpio mg/L LC50	
		semi-static 780: 96 h Cyprinus	
		carpio mg/L LC50	
METHYL ETHYL KETONE	N/A	3130 - 3320: 96 h Pimephales	4025 - 6440: 48 h Daphnia magna

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78-93-3		promelas mg/L LC50 flow-through	mg/L EC50 Static 5091: 48 h
			Daphnia magna mg/L EC50 520: 48
			h Daphnia magna mg/L EC50
ETHYLBENZENE	1,7 - 7.6: 96 h Pseudokirchneriella	11.0 - 18.0: 96 h Oncorhynchus	1.8 - 2.4: 48 h Daphnia magna mg/L
100-41-4	subcapitata mg/L EC50 static 2.6 -	mykiss mg/L LC50 static 7.55 - 11:	EC50
	11.3: 72 h Pseudokirchneriella	96 h Pimephales promelas mg/L	
	subcapitata mg/L EC50 static 4.6:	LC50 flow-through 9.1 - 15.6: 96 h	
	72 h Pseudokirchneriella	Pimephales promelas mg/L LC50	
	subcapitata mg/L EC50 438: 96 h	static 32: 96 h Lepomis macrochirus	
	Pseudokirchneriella subcapitata	mg/L LC50 static 4.2: 96 h	
	mg/L EC50	Oncorhynchus mykiss mg/L LC50	
		semi-static 9.6: 96 h Poecilia	
		reticulata mg/L LC50 static	

## Persistence and degradability

No information available.

### Bioaccumulation

No information available.

Chemical Name	Partition coefficient
METHYL AMYL KETONE	1.98
110-43-0	
METHYL ISOBUTYL KETONE	1.19
108-10-1	
XYLENE(PURE)	3.15
1330-20-7	
METHYL ETHYL KETONE	0.3
78-93-3	
ETHYLBENZENE	3.2
100-41-4	

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

Chemical Name	RCRA - Basis for Listing	RCRA - D Series Wastes
METHYL ISOBUTYL KETONE	Included in waste stream: F039	N/A
108-10-1		
XYLENE(PURE)	Included in waste stream: F039	N/A
1330-20-7		
METHYL ETHYL KETONE	Included in waste streams: F005, F039	200.0 mg/L regulatory level
78-93-3		
ETHYLBENZENE	Included in waste stream: F039	N/A
100-41-4		

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	
STRONTIUM CHROMATE	Toxic	
7789-06-2	Corrosive	
	Ignitable	
XYLENE(PURE)	Toxic	
1330-20-7	Ignitable	
METHYL ETHYL KETONE	Toxic mixture of acetone, methyl acetate, and methyl alcohol	
78-93-3	Ignitable mixture of acetone, methyl acetate, and methyl alcohol	
ETHYLBENZENE	Toxic	

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100-41-4 Ignitable

## 14. TRANSPORT INFORMATION

DOT

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

Special Provisions149, B52, IB2, T4, TP1, TP8, TP28DescriptionUN1263, Paint, Marine Pollutant, 3, II, RQ

Emergency Response Guide 128

Number

TDG

UN-NoUN1263Proper shipping namePaintHazard class3Packing GroupII

**Description** UN1263, Paint, Marine Pollutant, 3, II

**MEX** 

VN-No UN1263
Proper shipping name Paint
Hazard class 3
Packing Group II

**Description** UN1263, Paint, 3, II

**ICAO** 

UN-No UN1263
Proper shipping name Paint
Hazard class 3
Packing Group II
Special Provisions A3, A72

Description UN1263, Paint, 3, II

<u>IATA</u>

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

**Special Provisions** A3, A72, A192

IMDG/IMO

 UN-No
 UN1263

 Hazard class
 3

 Packing Group
 II

 EmS-No
 F-E, S-E

 Special Provisions
 163, 367

RID

UN-No UN1263
Proper shipping name Paint
Hazard class 3
Packing Group II
Classification Code F1

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

ADR/RID

UN-No UN1263

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Proper shipping name Paint Hazard class 3 **Packing Group** 11 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

ADN

Proper shipping name Paint Hazard class **Packing Group** 11 Classification Code F1

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

Description UN1263, Paint, Environmentally Hazardous, 3, II

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

## 15. REGULATORY INFORMATION

### International Inventories

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

Chemical Name	CAS No	SARA 313 - Threshold Values %
STRONTIUM CHROMATE	7789-06-2	0.1
METHYL ISOBUTYL KETONE	108-10-1	1.0
XYLENE(PURE)	1330-20-7	1.0
ETHYLBENZENE	100-41-4	0.1

### SARA 311/312 Hazard Categories

Yes
Yes
Yes
No
No

#### CAA (Clean Air Act)

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants This product contains the following HAPs:

Chemical Name	CAS No	Hazardous air pollutants (HAPs) content
STRONTIUM CHROMATE	7789-06-2	Present
METHYL ISOBUTYL KETONE	108-10-1	Present
XYLENE(PURE)	1330-20-7	Present
ETHYLBENZENE	100-41-4	Present

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### 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 Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
STRONTIUM CHROMATE	10 lb	X	N/A	X
XYLENE(PURE)	100 lb	N/A	N/A	X
ETHYLBENZENE	1000 lb	X	X	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)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ (reportable quantity)
STRONTIUM CHROMATE	10 lb	N/A	RQ 10 lb final RQ RQ 4.54 kg final RQ
METHYL ISOBUTYL KETONE	5000 lb	N/A	RQ 5000 lb final RQ RQ 2270 kg final RQ
XYLENE(PURE)	100 lb	N/A	RQ 100 lb final RQ RQ 45.4 kg final RQ
METHYL ETHYL KETONE	5000 lb	N/A	RQ 5000 lb final RQ RQ 2270 kg final RQ
ETHYLBENZENE	1000 lb	N/A	RQ 1000 lb final RQ RQ 454 kg final RQ

## State Regulations

## California Proposition 65

This product contains the following Proposition 65 chemicals

Chemical Name	CAS No	California Proposition 65
STRONTIUM CHROMATE	7789-06-2	Carcinogen
		Developmental
		Female Reproductive
		Male Reproductive
METHYL ISOBUTYL KETONE	108-10-1	Carcinogen
		Developmental
TITANIUM DIOXIDE	13463-67-7	Carcinogen
ETHYLBENZENE	100-41-4	Carcinogen

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

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
STRONTIUM CHROMATE	X	X	X	X	X
BARIUM SULFATE	X	X	X	N/A	X
METHYL AMYL KETONE	X	X	X	N/A	X
METHYL ISOBUTYL KETONE	Х	X	X	X	Х
TITANIUM DIOXIDE	X	X	X	N/A	X
AMORPHOUS PRECIPITATED SILICA	X	X	X	N/A	N/A
XYLENE(PURE)	X	X	X	X	X
METHYL ETHYL KETONE	X	X	X	X	X
BUTYL ACETATE	X	X	X	N/A	X

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ETHYLBENZENE	X	X	X	X	×

## International Regulations

Mexico - Grade

Serious risk, Grade 3

Chemical Name	Carcinogenic Status	Exposure Limits
STRONTIUM CHROMATE	A1	Mexico: TWA 0.01 mg/m <sup>3</sup> Mexico: TWA 0.5
		mg/m³
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>
METHYL ISOBUTYL KETONE	N/A	Mexico: TWA 50 ppm
		Mexico: TWA 205 mg/m <sup>3</sup>
		Mexico: STEL 75 ppm
		Mexico: STEL 307 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>
XYLENE(PURE)	N/A	Mexico: TWA 100 ppm
		Mexico: TWA 435 mg/m <sup>3</sup>
		Mexico: STEL 150 ppm
		Mexico: STEL 655 mg/m <sup>3</sup>
METHYL ETHYL KETONE	N/A	Mexico: TWA 200 ppm
		Mexico: TWA 590 mg/m <sup>3</sup>
		Mexico: STEL 300 ppm
		Mexico: STEL 885 mg/m <sup>3</sup>
ETHYLBENZENE	N/A	Mexico: TWA 100 ppm
		Mexico: TWA 435 mg/m <sup>3</sup>
		Mexico: STEL 125 ppm
		Mexico: STEL 545 mg/m <sup>3</sup>

## **16. OTHER INFORMATION**

NFPA

Health Hazard 2

Flammability 3

Instability 0

**Physical and Chemical** Hazards -

Revision Date: 15-Dec-2017

NFPA Rating



**HMIS** 

Health Hazard 1 \* Flammability 3

Physical Hazard 0 Personal protection X

Chronic Hazard Star Legend

\* Chronic Health Hazard

**Issuing Date: Revision Date:** 

28-Feb-2012 15-Dec-2017

**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

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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.

Revision Date: 15-Dec-2017

end