

# **Material Safety Data Sheet**

Issuing Date: 28-Feb-2012 Revision Date: 30-Apr-2014 Version: 2

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: AD9325 Product Name: DARK GREEN AEROPRIME MIL-PRF-23377K

TYPE II CL C2 PART A

Hentzen Coatings, Inc.

Com

Company Phone Number: 1-414-353-4200

6937 West Mill Road, Milwaukee, WI 53218-1225

Emergency Telephone: ChemTrec 1-800-424-9300

### 2. HAZARDS IDENTIFICATION

## **Emergency Overview**

May be harmful if swallowed, inhaled, or absorbed through skin
May produce an allergic reaction
May cause skin irritation and/or dermatitis
Contains a known or suspected carcinogen

EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE

Vapors may be irritating to eyes, nose, throat, and lungs May cause central nervous system depression May cause adverse kidney effects

**Potential Health Effects** 

Principle Routes of Exposure Inhalation, Skin Contact, Eye Contact

**Acute Toxicity** 

Eyes Prolonged contact may result in chemical burns or blindness. Irritating to eyes.

**Skin** May be harmful in contact with skin. Repeated or prolonged skin contact may cause allergic

reactions with susceptible persons. Irritating to skin. May cause inflammation.

**Inhalation** May be harmful if inhaled. May cause irritation of respiratory tract.

Ingestion May be harmful if swallowed. May cause additional affects as listed under "Inhalation".

Ingestion may cause irritation to mucous membranes.

Chronic Toxicity Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated

exposure. May cause adverse liver effects.

Aggravated Medical Conditions Allergies. Skin disorders. Respiratory disorders. Central nervous system. Preexisting eye

disorders. Blood disorders. Kidney disorders. Liver disorders. Peripheral Nervous System

(PNS). Lungs. Lymphatic System.

Interactions with Other Chemicals Irritants. Sensitizers. Epoxies. Use of alcoholic beverages may enhance toxic effects.

Environmental hazard Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic

environment. See Section 12 for additional Ecological Information.

### 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.

Hazardous Components

Chemical Name	CAS-No	Weight	ACGIH TLV	OSHA PEL
STRONTIUM CHROMATE	7789-06-2	10% - 20%	TWA: 0.0005 mg/m <sup>3</sup> Cr	TWA: 5 µg/m³ (vacated) Ceiling: 0.1 mg/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 i
				otherwise not in effect
BARIUM SULFATE	7727-43-7	10% - 20%	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction
METHYL AMYL KETONE	110-43-0	5% - 10%	TWA: 50 ppm	TWA: 100 ppm TWA: 469 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 465 mg/m³
METHYL ISOBUTYL KETONE	108-10-1	5% - 10%	STEL: 75 ppm TWA: 20 ppm	TWA: 100 ppm TWA: 410 mg/m³ (vacated) TWA: 50 ppm (vacated) TWA: 205 mg/m³ (vacated) STEL: 75 ppm (vacated) STEL: 300 mg/m³
SILICON DIOXIDE	7631-86-9	0% - 5%	N/A	TWA: 20 mppcf : (80)/(9 SiO2) mg/m³ TWA
METHYL ETHYL KETONE	78-93-3	0% - 5%	STEL: 300 ppm TWA: 200 ppm	TWA: 200 ppm TWA: 59 mg/m³ (vacated) TWA: 200 ppm (vacated) TWA: 590 mg/m³ (vacated) STEL: 300 ppm (vacated) STEL: 885 mg/m³
XYLENE(PURE)	1330-20-7	0% - 5%	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 439 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m³ (vacated) STEL: 150 ppn (vacated) STEL: 655 mg/m³
CARBON BLACK	1333-86-4	0% - 5%	TWA: 3.5 mg/m <sup>3</sup>	TWA: 3.5 mg/m³ (vacated) TWA: 3.5 mg/m³
ETHYLBENZENE	100-41-4	0% - 5%	STEL: 125 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m³ (vacated) STEL: 125 ppm (vacated) STEL: 545 mg/m³

## 4. FIRST AID MEASURES

General advice

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

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Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and

continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Call a physician

immediately. If symptoms persist, call a physician.

**Skin Contact** Remove and wash contaminated clothing 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** Move 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. Drink plenty of water. Never give anything by mouth to an

unconscious person. Call a physician or Poison Control Center immediately. Clean mouth

with water and afterwards drink plenty of water. Consult a physician.

### 5. FIRE-FIGHTING MEASURES

Flammable Properties HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames

Extremely flammable liquid and vapor

Flammable Liquid

Flash Point 12 °F / -11 °C

Flammability Limits in Air

**Upper** 1.8 % **Lower** 0.26 %

Suitable Extinguishing Media Dry Chemical.

**Explosion Data** 

Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge Yes.

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.

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

NFPA Health Hazard 2 Flammability 4 Stability 0 Physical and chemical

hazards -

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

\* Chronic Health Hazard

### 6. ACCIDENTAL RELEASE MEASURES

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

ventilation. Use personal protective equipment. Keep people away from and upwind of

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

**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.

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

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 only in an area containing flame proof equipment. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Use only in area provided with appropriate exhaust ventilation. Wear personal protective equipment. Do not breathe vapors or spray mist. Use bonding and grounding when transferring materials. Use

non-sparking tools and equipment.

**Technical Measures/Storage Conditions** 

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

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### **Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL
STRONTIUM CHROMATE	TWA: 0.0005 mg/m³ Cr	TWA: 5 µg/m³ (vacated) Ceiling: 0.1 mg/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
BARIUM SULFATE	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction
METHYL AMYL KETONE	TWA: 50 ppm	TWA: 100 ppm TWA: 465 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 465 mg/m³
METHYL ISOBUTYL KETONE	STEL: 75 ppm TWA: 20 ppm	TWA: 100 ppm TWA: 410 mg/m³ (vacated) TWA: 50 ppm (vacated) TWA: 205 mg/m³ (vacated) STEL: 75 ppm (vacated) STEL: 300 mg/m³
SILICON DIOXIDE	-	TWA: 20 mppcf: (80)/(% SiO2) mg/m³ TWA
METHYL ETHYL KETONE	STEL: 300 ppm TWA: 200 ppm	TWA: 200 ppm TWA: 590 mg/m³ (vacated) TWA: 200 ppm (vacated) TWA: 590 mg/m³ (vacated) STEL: 300 ppm (vacated) STEL: 885 mg/m³
XYLENE(PURE)	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m³ (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m³
CARBON BLACK	TWA: 3.5 mg/m <sup>3</sup>	TWA: 3.5 mg/m³ (vacated) TWA: 3.5 mg/m³
ETHYLBENZENE	STEL: 125 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m³ (vacated) STEL: 125 ppm (vacated) STEL: 545 mg/m³

DARK GREEN AEROPRIME MIL-PRF-23377K TYPE II CL C2 PART A

NIOSH IDLH: Immediately Dangerous to Life or Health

**Engineering Measures**Handle only in a place equipped with local exhaust (or other appropriate exhaust). However

it is the duty of the user to verify this and follow given exposure limits at the workplace.

Keep away from fire, sparks and heated surfaces.

**Personal Protective Equipment** 

**Eye/Face Protection** Tightly fitting safety goggles. Face-shield.

Skin and Body Protection Solvent-resistant gloves. Handle in accordance with good industrial hygiene and safety

practice. Remove contaminated clothing and shoes. Wash contaminated clothing before

reuse.

**Respiratory Protection**Maintain adequate ventilation. If exposure limits are exceeded or irritation is experienced,

NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection

must be provided in accordance with current local regulations.

Hygiene Measures When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area

and clothing.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @20°C Liquid Appearance Opaque

Odor Solvent. Flash Point 12 °F / -11 °C

Boiling Point 171 °F / 77 °C Specific Gravity 1.48

Weight per Gallon (lbs/gal): 12.35

Flammability Limits in Air

**Upper** 1.8 % **Lower** 0.26 %

### 10. STABILITY AND REACTIVITY

Stability Stable under recommended storage conditions.

Incompatible Products Strong oxidizing agents.

**Conditions to Avoid**None known based on information supplied.

Hazardous Decomposition Products Thermal decomposition can lead to release of irritating gases and vapors. Carbon

monoxide (CO). Carbon dioxide (CO2).

**Hazardous Polymerization** Hazardous polymerization does not occur.

### 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity** 

**Product Information** Long-term repeated exposure to Xylene may result in hearing loss.

### **Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
STRONTIUM CHROMATE	3118 mg/kg (Rat)	N/A	N/A
METHYL AMYL KETONE	1670 mg/kg (Rat)	12600 μL/kg (Rabbit)	N/A
METHYL ISOBUTYL KETONE	2080 mg/kg (Rat)	16000 mg/kg (Rabbit)	8.2 mg/L (Rat)4 h

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SILICON DIOXIDE	5000 mg/kg (Rat)	2000 mg/kg (Rabbit)	2.2 mg/L (Rat) 1 h
METHYL ETHYL KETONE	2737 mg/kg (Rat)	6480 mg/kg (Rabbit)	N/A
XYLENE(PURE)	4300 mg/kg (Rat)	1700 mg/kg (Rabbit)	47635 mg/L (Rat) 4 h 5000 ppm ( Rat) 4 h
CARBON BLACK	15400 mg/kg (Rat)	3 g/kg (Rabbit)	N/A
ETHYLBENZENE	3500 mg/kg (Rat)	15354 mg/kg (Rabbit)	17.2 mg/L (Rat) 4 h

**Chronic Toxicity** 

Product Information Long-term repeated exposure to Xylene may result in hearing loss. Repeated contact may

cause allergic reactions in very susceptible persons. Avoid repeated exposure. May cause

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adverse liver effects.

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	IARC	ACGIH	NTP	OSHA
STRONTIUM CHROMATE	Group 1	A2	Known	X
METHYL ISOBUTYL KETONE	N/A	A3	N/A	N/A
SILICON DIOXIDE	Group 3	N/A	N/A	N/A
XYLENE(PURE)	Group 3	N/A	N/A	N/A
CARBON BLACK	Group 2B	N/A	N/A	X
ETHYLBENZENE	Group 2B	A3	N/A	X

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 Toxicity Program)

Known - Known Carcinogen

**OSHA: (Occupational Safety & Health Administration)** 

X - Present

#### **Target Organ Effects**

Blood, Central nervous system (CNS), Eyes, Kidney, Liver, Lungs, Peripheral Nervous System (PNS), Respiratory system, Skin, Lymphatic System.

### 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
METHYL AMYL KETONE	ETHYL AMYL KETONE N/A		N/A	N/A
METHYL ISOBUTYL KETONE			N/A	170: 48 h Daphnia magna mg/L EC50
SILICON DIOXIDE	, š		N/A	7600: 48 h Ceriodaphnia dubia mg/L EC50

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METHYL ETHYL KETONE	N/A	3130-3320: 96 h Pimephales	N/A	520: 48 h Daphnia magna
		promelas mg/L LC50		mg/L EC50 5091: 48 h
		flow-through		Daphnia magna mg/L EC50
				4025 - 6440: 48 h Daphnia
				magna mg/L EC50 Static
XYLENE(PURE)	N/A	13.4: 96 h Pimephales	N/A	3.82: 48 h water flea mg/L
		promelas mg/L LC50		EC50 0.6: 48 h Gammarus
		flow-through 2.661-4.093: 96		lacustris mg/L LC50
		h Oncorhynchus mykiss		
		mg/L LC50 static 13.5-17.3:		
		96 h Oncorhynchus mykiss		
		mg/L LC50 13.1-16.5: 96 h		
		Lepomis macrochirus mg/L		
		LC50 flow-through 19: 96 h		
		Lepomis macrochirus mg/L		
		LC50 7.711-9.591: 96 h		
		Lepomis macrochirus mg/L		
		LC50 static 23.53-29.97: 96		
		h Pimephales promelas		
		mg/L LC50 static 780: 96 h		
		Cyprinus carpio mg/L LC50		
		semi-static 780: 96 h		
		Cyprinus carpio mg/L LC50 30.26-40.75: 96 h Poecilia		
OARRON BLACK	21/2	reticulata mg/L LC50 static	21/0	5000 041 5 1 :
CARBON BLACK	N/A	N/A	N/A	5600: 24 h Daphnia magna
				mg/L EC50
ETHYLBENZENE	4.6: 72 h	11.0-18.0: 96 h	N/A	1.8 - 2.4: 48 h Daphnia
	Pseudokirchneriella	Oncorhynchus mykiss mg/L		magna mg/L EC50
	subcapitata mg/L EC50 438:	LC50 static 4.2: 96 h		
	96 h Pseudokirchneriella	Oncorhynchus mykiss mg/L		
	subcapitata mg/L EC50 2.6 -			
	11.3: 72 h	h Pimephales promelas		
	Pseudokirchneriella	mg/L LC50 flow-through 32:		
	subcapitata mg/L EC50	96 h Lepomis macrochirus		
	static 1.7 - 7.6: 96 h	mg/L LC50 static 9.1-15.6:		
	Pseudokirchneriella	96 h Pimephales promelas		
	subcapitata mg/L EC50	mg/L LC50 static 9.6: 96 h		
	static	Poecilia reticulata mg/L		
		LC50 static		

## 13. DISPOSAL CONSIDERATIONS

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

261).

US EPA Waste Number D001

U019 U159 U161 U220 U239

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 Corrosive Ignitable
BARIUM SULFATE	Toxic soluble
METHYL ETHYL KETONE	Toxic Ignitable
XYLENE(PURE)	Toxic Ignitable
ETHYLBENZENE	Toxic Ignitable

## **14. TRANSPORT INFORMATION**

DOT

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

Reportable Quantity (RQ) Xylenes isomers and mixture: RQ kg= 1690.53, Strontium chromate: RQ kg= 31.95

UN1263, Paint, 3, II, RQ Description

**Emergency Response Guide** 128

Number

**TDG** 

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

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

MEX

Proper shipping name Paint Hazard class **UN/ID No** UN1263

**Packing Group** 

Description UN1263, Paint, 3, II

**ICAO** 

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

Description UN1263, Paint, 3, II

ICAO/IATA

UN/ID No UN1263 Paint Proper shipping name **Hazard class** 3 Ш **Packing Group** 3L **ERG Code** 

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

IMDG/IMO

Paint Proper shipping name **Hazard class** UN1263 **UN/ID No Packing Group** Ш EmS No. F-E, S-E

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

RID

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

UN1263, Paint, 3, II Description

ADR/RID

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Proper shipping name Paint **Hazard class** 3 **UN/ID No** UN1263 **Packing Group** F1 **Classification Code** 

Description UN1263, Paint, 3, II, (D/E)

ADR/RID-Labels

#### **ADN**

Paint Proper shipping name Hazard class **UN/ID No** UN1263 **Packing Group** Ш **Classification Code** F1

**Special Provisions** 163, 640C, 650 UN1263, Paint, 3, II Description

Limited quantity 5 L Ventilation VE01

## 15. REGULATORY INFORMATION

**International Inventories** 

**TSCA** Complies **DSL/NDSL** Complies

### Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

### **U.S. 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	Weight	SARA 313 - Threshold Values %
STRONTIUM CHROMATE	7789-06-2	10% - 20%	0.1
METHYL ISOBUTYL KETONE	108-10-1	5% - 10%	1.0
XYLENE(PURE)	1330-20-7	0% - 5%	1.0
ETHYLBENZENE	100-41-4	0% - 5%	0.1

## SARA 311/312 Hazard Categories

**Acute Health Hazard** Yes **Chronic Health Hazard** Yes Fire Hazard Yes **Sudden Release of Pressure Hazard** No **Reactive Hazard** No

### Clean Air Act

This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

Chemical Name	CAS-No	Weight	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
STRONTIUM CHROMATE	7789-06-2	10% - 20%	Present	N/A	N/A	N/A
METHYL ISOBUTYL KETONE	108-10-1	5% - 10%	Present	Group IV	N/A	N/A

METHYL ETHYL KETONE	78-93-3	0% - 5%	N/A	Group V	N/A	N/A
XYLENE(PURE)	1330-20-7	0% - 5%	Present	Group I	N/A	N/A
ETHYLBENZENE	100-41-4	0% - 5%	Present	Group I	N/A	N/A

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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
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
METHYL ETHYL 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
ETHYLBENZENE	1000 lb	N/A	RQ 1000 lb final RQ RQ 454 kg final RQ

## **U.S. State Regulations**

## **California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical Name	CAS-No	California Prop. 65
STRONTIUM CHROMATE	7789-06-2	Carcinogen
		Developmental
		Female Reproductive
		Male Reproductive
CARBON BLACK	1333-86-4	Carcinogen
ETHYLBENZENE	100-41-4	Carcinogen

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

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
STRONTIUM CHROMATE	Χ	Х	X	X	Х
BARIUM SULFATE	Χ	Х	X	N/A	Х
METHYL AMYL KETONE	Χ	Х	X	N/A	Х
METHYL ISOBUTYL KETONE	Х	X	Х	X	X
METHYL ETHYL KETONE	Χ	Х	X	X	Х
XYLENE(PURE)	Χ	Х	X	X	Х
CARBON BLACK	Χ	Х	X	X	Х
BUTYL ACETATE	X	X	X	N/A	X
ETHYLBENZENE	X	X	X	X	Х

## International Regulations

Mexico - Grade Serious risk, Grade 3

Chemical Name	Carcinogen Status	Exposure Limits
STRONTIUM CHROMATE	A1	Mexico: TWA 0.01 mg/m³ Mexico: TWA 0.5
		mg/m³
BARIUM SULFATE	N/A	Mexico: TWA 0.5 mg/m <sup>3</sup>
METHYL AMYL KETONE	N/A	Mexico: TWA 50 ppm Mexico: TWA 235
		mg/m³
		Mexico: STEL 100 ppm Mexico: STEL 465
		mg/m³
METHYL ISOBUTYL KETONE	N/A	Mexico: TWA 50 ppm Mexico: TWA 205
		mg/m³
		Mexico: STEL 75 ppm Mexico: STEL 307
		mg/m³
METHYL ETHYL KETONE	N/A	Mexico: TWA 200 ppm Mexico: TWA 590
		mg/m³
		Mexico: STEL 300 ppm Mexico: STEL 885
		mg/m³
XYLENE(PURE)	N/A	Mexico: TWA 100 ppm Mexico: TWA 435
		mg/m³
		Mexico: STEL 150 ppm Mexico: STEL 655
		mg/m³
CARBON BLACK	N/A	Mexico: TWA 3.5 mg/m <sup>3</sup>
		Mexico: STEL 7 mg/m <sup>3</sup>
ETHYLBENZENE	N/A	Mexico: TWA 100 ppm Mexico: TWA 435
		mg/m³
		Mexico: STEL 125 ppm Mexico: STEL 545
		mg/m³

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## **16. OTHER INFORMATION**

### 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.

end