

MATERIAL SAFETY DATA SHEETPRODUCT NAME: PART A - RESIN
November 7, 2008

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SECTION 4 - FIRST AID MEASURES

INHALATION: Remove affected person to fresh air; if symptoms persist seek medical attention.

SKIN: Carefully remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention. If contact with hot product occurs, immediately flush affected area with cool water for 15 minutes.

EYES: Check for and remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; seek medical attention. If contact with hot product occurs, immediately flush with cool water for 15 minutes. Seek medical attention immediately.

INGESTION: Give two glasses of water for dilution; DO NOT induce vomiting; seek medical attention; never give anything by mouth to an unconscious person.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED)

> 200° F (> 93.3° C)

FLAMMABLE LIMITS

LEL: 1.0%

UEL: 7.0%

AUTOIGNITION TEMPERATURE:

460° F (237.8° C)

NFPA CLASS:

IIIB

GENERAL HAZARDS: Product will support combustion. Products of combustion include compounds of carbon, hydrogen and oxygen, including carbon monoxide.

EXTINGUISHING MEDIA

Carbon dioxide, water fog, dry chemical, chemical foam.

FIRE FIGHTING PROCEDURES

Firefighters must wear full facepiece self - contained breathing apparatus in positive pressure mode. Do not use solid stream of water since stream will scatter and spread fire. Fine water spray can be used to keep fire - exposed containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers can explode due to buildup of pressure when exposed to extreme heat. Do not use direct stream of water on pool fires as product may reignite on water surface. Caution - Material will support combustion!

HAZARDOUS COMBUSTION PRODUCTS

Smoke, fumes or vapors, oxides of carbon.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Shut off source of leak if safe to do so. Dike and contain product. Confine spill, soak up with clay, sand or other approved absorbent, shovel product into approved container for disposal. Wash area with plenty of water.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. Keep this and other chemicals out of reach of children.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**ENGINEERING CONTROLS**

The use of local exhaust ventilation is recommended. No other special controls are indicated.

PERSONAL PROTECTION:

RESPIRATORY PROTECTION: None required

PROTECTIVE GLOVES: Recommended for general protection

EYE PROTECTION: Chemical splash goggles. Refer to 29 CFR 1910.133, ANSI Z87.1, or European Standard EN166.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyewash station nearby.

WORK / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: PART A - RESIN
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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR Clear to amber liquid, characteristic odor.	VAPOR DENSITY (AIR = 1) > 1
SPECIFIC GRAVITY (WATER = 1) 1.14 @ 77° F	EVAPORATION RATE (Water = 1) < 1
SOLUBILITY IN WATER Negligible	% VOLATILE (BY WEIGHT) None
pH Not applicable	VAPOR PRESSURE Approximately 0.01 mm Hg @ 20° C
BOILING POINT Not specified	FREEZING POINT Not determined
Pour Viscosity (ASTM D2196, PART A ONLY) 1300 centipoise @ 77° F	VOLATILE ORGANIC COMPOUNDS (VOC's) NIL

SECTION 10 - STABILITY AND REACTIVITY

STABILITY UNSTABLE: STABLE: X	CONDITIONS TO AVOID: Extreme temperatures.
INCOMPATIBILITY (MATERIALS TO AVOID): Can react vigorously with strong oxidizers, strong acids, mineral and organic bases, primary and secondary aliphatic amines.	
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes or vapors, and smoke may be produced.	
HAZARDOUS POLYMERIZATION MAY OCCUR: X WILL NOT OCCUR:	CONDITIONS TO AVOID: Hazardous polymerization may occur with excess of aliphatic amine curing agent

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Ingredients	CAS #	EINECS #	LD50 of Ingredient Species and Route	LC50 of Ingredient Species
Polymer of epichlorohydrin & Bisphenol A	25068-38-6	500-033-5	> 3,000 mg / kg Oral - rat	Not established
o-Cresol Glycidyl Ether	2210-79-9	218-645-3	4,000 mg / kg Oral - rat	6,090 mg / m3 Inhalation - rat

SECTION 12 - ECOLOGICAL INFORMATION

Acute Alga Toxicity, seawater (ISO 10253)	72 hr	Marine Algae (Skeletonema costatum)	EbC50	ErC50
Acute Toxicity, freshwater (OECD 203)	96 hr	Rainbow Trout (Oncorhynchus mykiss)	LC50	1.5 mg / l
Acute Toxicity, freshwater (OECD 203)	96 hr	Zebrafish (Zebra danio)	LC50	2.4 mg / l
Acute Immobilization (OECD 202)	48 hr	Water Flea (Daphnia magna)	EC50	3.6 mg / l
Acute Invertebrate Toxicity, seawater (PARCOM)	48 hr	Marine Copepod (Acartia tonsa)	EC50	

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations. Product is classified as non - hazardous, however, non-hazardous materials may become hazardous waste upon contact with other products. Refer to 40 CFR 260 - 299 for complete waste disposal regulations. Consult your local, state, or federal agency before disposing of any chemicals.

SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Non - Hazardous for Transport

DOT HAZARD CLASS / Pack Group: Not regulated
REFERENCE: Not Applicable
UN / NA IDENTIFICATION NUMBER: None
LABEL: None Required
HAZARD SYMBOLS: None

IATA HAZARD CLASS / Pack Group: Not regulated
IMDG HAZARD CLASS: Not regulated
RID/ADR Dangerous Goods Code: Not regulated
UN TDG Class / Pack Group: Not regulated
Hazard Identification Number (HIN): None

Note: Transportation information provided is for reference only. Customer is urged to consult 49 CFR 100 - 177, IMDG, IATA, EC, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: PART A - RESIN
November 7, 2008

SECTION 15 - REGULATORY INFORMATION

TSCA (Toxic Substance Control Act)

All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.

SARA TITLE III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories
Immediate health

313 Reportable Ingredients:
None

CERCLA (Comprehensive Response Compensation and Liability Act)

None

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986

There are no reportable chemicals present known to the state of California to cause cancer or reproductive toxicity.

CPR (Canadian Controlled Products Regulations)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. WHMIS Classification: D2B - Eye irritant, D2B - Skin sensitizer

IDL (Canadian Ingredient Disclosure List)

Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 3.

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

Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 3 unless otherwise indicated.

EINECS (European Inventory of Existing Commercial Chemical Substances)

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

WGK Water Quality Index: 2

VbK Index: A III

Risk Phrases

R36/38 Irritating to eyes and skin.
R43 May cause sensitization by skin contact.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SYMBOL(S) REQUIRED FOR LABEL

Irritant Environmental Hazard



Safety Phrases

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 After contact with skin, wash immediately with plenty of soap and water.
S28 After contact with skin, wash immediately with plenty of soap and water.
S37/39 Wear suitable gloves and eye/face protection.
S61 Avoid release to the environment. Refer to special instructions / safety data sheets.

SECTION 16 - OTHER INFORMATION

Specific toxicity tests have been conducted on this product. Our hazard evaluation is based on information from the manufacturer, the ingredients, technical literature, and/or professional experience.

HMIS HAZARD RATINGS

HEALTH	2	* = Chronic Health Hazard	2 = MODERATE
FLAMMABILITY	1	0 = INSIGNIFICANT	3 = HIGH
PHYSICAL HAZARD	0	1 = SLIGHT	4 = EXTREME

PERSONAL PROTECTIVE EQUIPMENT B Safety Glasses, Gloves

REVISION SUMMARY:

This MSDS has been revised in the following sections:
No changes noted

MSDS Prepared by:

Comprehensive Data Base, Inc.
P.O. Box 686
Seffner, FL 33583 USA
(863) 644 - 3298 www.compdatabase.com or www.msds.cc

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PART B - V4138 FIRE RETARDANT COATING

GENERAL USE: Protective Coating Component B

PRODUCT DESCRIPTION: White liquid, characteristic odor. The information in this MSDS refers to Part B ONLY. Product characteristics described here are NOT reflective of the coating product in which Part A Resin is mixed with Part B.



MANUFACTURER'S NAME Controlled Release Technologies, Inc.	DATE PREPARED: February 7, 2009 SUPERSEDES: New	Page 1 of 4
ADDRESS (NUMBER, STREET, P.O. BOX) 1016 Industry Drive (CITY, STATE AND ZIP CODE) Shelby, NC 28152	TELEPHONE NUMBER FOR INFORMATION (704) 487-0878	
COUNTRY USA	EMERGENCY TELEPHONE NUMBER ChemTel Inc. 1- (800) 255-3924 Intl. + 01 (813) 248-0585	

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

White liquid, contains volatile solvents, corrosive and severely irritating to eyes, skin and respiratory system. Reacts with epoxy resins to produce heat. Dangerous for the environment. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Contains crystalline silica quartz which is an inhalation hazard in respirable dust form, however, the silicon quartz in this liquid will not pose an inhalation hazard. Hazard Symbols - C, N. Risk Phrases - R34, 50/53

POTENTIAL HEALTH EFFECTS

INHALATION: Corrosive and irritating to upper respiratory tract and mucous membranes.

SKIN: Corrosive and irritating; chemical burns may result from contact; severe irritant.

EYES: CORROSIVE; Contact with eyes is painful and irritating and may cause chemical burns, necrosis and permanent injury.

INGESTION: Corrosive and irritating to digestive tract; may cause gastric distress, stomach pains and vomiting.

CARCINOGENICITY NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No
 Crystalline silica inhaled in the form of quartz is classified by IARC as "Group 1, carcinogenic to humans", by NTP as "known to be human carcinogen" and ACGIH as "A2-suspected human carcinogen"

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	EINECS #	% (by weight)	OSHA PEL		ACGIH TWA		RQ LBS
				PPM	MG/M3	PPM	MG/M3	
(3-Aminopropyl)triethoxysilane	919-30-2	213-048-4	1 - 5	not established				
Bis[3-(triethoxysilyl)propyl]amine (a)	13497-18-2	236-818-1	3 - 7	1000	1900	1000	1900	
Bisphenol A (b)	80-05-7	201-245-8	1 - 5	not established				
1-Methyl-2-pyrrolidone (b,c)	872-50-4	212-828-1	0.3 - 0.8	100				
Triethanolamine	102-71-6	203-049-8	1 - 5				5	
Phenol, Isopropylated, phosphate	68937-41-7	273-066-3	7 - 13	not established				
Phosphoric acid, triphenyl ester	115-86-6	204-112-2	3 - 7		3		3	
Silica, crystalline, quartz (c)	14808-60-7	238-878-4	1 - 5		0.1		0.05	
Isopropyl alcohol	67-63-0	200-661-7	1 - 5	400	980	400		
Isophoronediamine	2855-13-2	220-666-8	1 - 5	not established				
Benzene 1,3-dimethaneamine (d)	1477-55-0	216-032-5	1 - 5		0.1 C		0.1 C	
Benzyl Alcohol	100-51-6	202-859-9	1 - 5	not established				

(a) Bis[3-(triethoxysilyl)propyl]amine (13497-18-2) is not listed on the Canadian DSL or NDSL. All other components of this product identified by CAS number are listed on the DSL or NDSL. Only ingredients classified as "hazardous" are listed in Section 3 unless otherwise indicated.

(b) See Section 15

(c) California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986, chemicals known to the state to cause cancer or reproductive toxicity. A person in the course of doing business must warn others who may consume, come into contact with, or otherwise be exposed to this chemical.

(d) A "C" in the OSHA PEL or ACGIH TWA column indicates ceiling limits, the concentration that should not be exceeded during any part of the working exposure.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: PART B - V4138 FIRE RETARDANT COATING
February 7, 2009

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SECTION 4 - FIRST AID MEASURES

INHALATION: Remove affected person to fresh air; wash mouth and nasal passages with water repeatedly; if breathing difficulties persist seek medical attention.

SKIN: Wash contacted area with soap and water; DO NOT attempt to neutralize with chemical agents; if irritation persists, seek medical attention.

EYES: Check for and remove contact lenses. Immediately flush eyes for 15 minutes in clear running water while holding eyelids open; seek medical attention immediately.

INGESTION: Drink large quantities of water; never give anything by mouth to an unconscious person; DO NOT induce vomiting, aspiration of this product during induced vomiting can result in severe lung injury; seek medical attention immediately.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED)

175° F (79.4° C) TCC

FLAMMABLE LIMITS

LEL: 1.0%

UEL: 7.0%

AUTOIGNITION TEMPERATURE:

Not determined

NFPA CLASS:

IIIB

GENERAL HAZARDS: Product will support combustion. Products of combustion include compounds of carbon, hydrogen, oxygen, ammonia, and phosphorous including carbon monoxide.

EXTINGUISHING MEDIA

Carbon dioxide, water fog, dry chemical, chemical foam.

FIRE FIGHTING PROCEDURES

Firefighters must wear full facepiece self - contained breathing apparatus in positive pressure mode. Do not use solid stream of water since stream will scatter and spread fire. Fine water spray can be used to keep fire - exposed containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers can explode due to buildup of pressure when exposed to extreme heat. Do not use direct stream of water on pool fires as product may reignite on water surface. Caution - Material will support combustion!

HAZARDOUS COMBUSTION PRODUCTS

Smoke, fumes or vapors, oxides of carbon, ammonia and phosphorous.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: CAUTION - CORROSIVE, COMBUSTIBLE. Confine and absorb into approved absorbent; place material into approved containers for disposal; for spills in excess of allowable quantities (RQ) notify the National Response Center (800) 424 - 8802; refer to SARA Title III, Section 313, 40 CFR 372 for reporting requirements. Do not discharge into lakes, ponds, streams or public waters.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures, open flames. CAUTION - material is corrosive. This material is combustible. Keep this and other chemicals out of reach of children.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS

The use of local exhaust ventilation is recommended to control emissions near the source. Provide mechanical ventilation of confined spaces. Use corrosion-resistant, explosion-proof ventilation equipment.

PERSONAL PROTECTION:

RESPIRATORY PROTECTION: None required while threshold limits are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. Refer to 29 CFR 1910.134, ANSI Z88.2, or European Standard EN 149 for complete regulations.

PROTECTIVE GLOVES: Neoprene, butyl or nitrile rubber gloves with cuffs.

EYE PROTECTION: Chemical splash goggles. Refer to 29 CFR 1910.133, ANSI Z87.1, or European Standard EN166.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls, apron, or other equipment should be worn to prevent skin contact, safety eyewash station nearby.

WORK / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: PART B - V4138 FIRE RETARDANT COATING
February 7, 2009

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR White liquid, characteristic odor.	VAPOR DENSITY (AIR = 1) > 1
SPECIFIC GRAVITY (WATER = 1) 1.49 @ 77° F	EVAPORATION RATE (Water = 1) < 1
SOLUBILITY IN WATER Negligible	% VOLATILE (BY WEIGHT) Approximately 3%
pH 11.0	VAPOR PRESSURE Approximately 0.01 mm Hg @ 20° C
BOILING POINT 275° F (135° C)	FREEZING POINT Not determined
Pour Viscosity (ASTM D2196, PART B ONLY) 10,000 centipoise @ 77° F	VOLATILE ORGANIC COMPOUNDS (VOC's) 100 grams / liter

SECTION 10 - STABILITY AND REACTIVITY

STABILITY UNSTABLE: STABLE: X	CONDITIONS TO AVOID: Extreme temperatures, open flames. Contact with active metals can release flammable hydrogen gas.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong acids, strong alkalis.	

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes or vapors, and smoke may be produced.

HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR: X	CONDITIONS TO AVOID: None
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SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Ingredients	CAS #	EINECS #	LD50 of Ingredient Oral - rat	LC50 of Ingredient Inhalation - rat
(3-Aminopropyl)triethoxysilane	919-30-2	213-048-4	1780 mg / kg	Not established
Bis[3-(triethoxysilyl)propyl]amine (a)	13497-18-2	236-818-1	Not established	Not established
Bisphenol A (b)	80-05-7	201-245-8	3250 mg / kg	Not established
1-Methyl-2-pyrrolidone (b,c)	872-50-4	212-828-1	3914 mg / kg	Not established
Triethanolamine	102-71-6	203-049-8	2200 mg / kg	Not determined
Phenol, Isopropylated, phosphate	68937-41-7	273-066-3	> 5,000 mg / kg	Not established
Phosphoric acid, triphenyl ester	115-86-6	204-112-2	3500 mg / kg	4200 mg / m3
Silica, crystalline, quartz (c)	14808-60-7	238-878-4	Not established	Not established
Isopropyl alcohol	67-63-0	200-661-7	5840 mg / kg	22,500 ppm / 4H
Isophoronediamine	2855-13-2	220-666-8	Not established	Not established
Benzene 1,3-dimethanamine (d)	1477-55-0	216-032-5	930 mg / kg	700 ppm / 1H
Benzyl Alcohol	100-51-6	202-859-9	1230 mg / kg	2000 ppm 4H (LCLo)

SECTION 12 - ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations. Do not flush to sanitary sewer or waterway. Refer to 40 CFR 260 - 299 for complete waste disposal regulations for corrosive and combustible materials. Consult your local, state, or federal agency before disposing of any chemicals.

SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Amines, liquid, corrosive n.o.s. (Bis[3-(triethoxysilyl)propyl]amine)	
DOT HAZARD CLASS / Pack Group: 8 / III	IATA HAZARD CLASS / Pack Group: 8 / III
REFERENCE: 49 CFR 172.154, .203, .241	IMDG HAZARD CLASS: 8 / III
UN / NA IDENTIFICATION NUMBER: UN 2735	RID/ADR Dangerous Goods Code: 8 (56B)
LABEL: CORROSIVE	UN TDG Class / Pack Group: 8 / III
HAZARD SYMBOLS: C	Hazard Identification Number (HIN): 80

Note: Transportation information provided is for reference only. Customer is urged to consult 49 CFR 100 - 177, IMDG, IATA, EC, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: PART B - V4138 FIRE RETARDANT COATING
February 7, 2009

SECTION 15 - REGULATORY INFORMATION

TSCA (Toxic Substance Control Act)

All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.

SARA TITLE III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories
Immediate health

313 Reportable Ingredients:

(b) Indicates a toxic chemical subject to annual reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CERCLA (Comprehensive Response Compensation and Liability Act)

None

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986

There are reportable chemicals present (1-Methyl-2-pyrrolidone and Crystalline silica quartz) known to the state of California to cause cancer or reproductive toxicity.

CPR (Canadian Controlled Products Regulations)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. WHMIS Classification: E - Corrosive, D2B - Toxic

IDL (Canadian Ingredient Disclosure List)

Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 3.

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

Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 3 unless otherwise indicated.

EINECS (European Inventory of Existing Commercial Chemical Substances)

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

WGK Water Quality Index: 2

VbK Index: A III

Risk Phrases

R34 Causes burns.
R50/53 Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

SYMBOL(S) REQUIRED FOR LABEL

Corrosive Environmental Hazard



Safety Phrases

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 After contact with skin, wash immediately with plenty of soap and water.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible.)

SECTION 16 - OTHER INFORMATION

Specific toxicity tests have been conducted on this product. Our hazard evaluation is based on information from the manufacturer, the ingredients, technical literature, and/or professional experience.

HMIS HAZARD RATINGS

HEALTH	2	* = Chronic Health Hazard	2 = MODERATE
FLAMMABILITY	2	0 = INSIGNIFICANT	3 = HIGH
PHYSICAL HAZARD	0	1 = SLIGHT	4 = EXTREME

PERSONAL PROTECTIVE EQUIPMENT C Safety Glasses, Gloves, Apron

REVISION SUMMARY:

This MSDS has been revised in the following sections:
No changes noted

MSDS Prepared by:

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(863) 644 - 3298 www.compdatabase.com or www.msds.cc

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.