

MATERIAL SAFETY DATA SHEET

OSHA - Meets 29 CFR 1910.1200 Standards



HMIS HAZARD RATINGS

HEALTH	2	0 = INSIGNIFICANT	3 = HIGH
FLAMMABILITY	1	1 = SLIGHT	4 = EXTREME
REACTIVITY	0	2 = MODERATE	

TRANSPORTATION INFORMATION

PROPER SHIPPING NAME:	Not Regulated		
HAZARD CLASS / PKG GRP:	None / None	REF:	Not Applicable
IDENTIFICATION NUMBER:	None	LABEL:	None Required

SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)

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PANCRETE (Part A - Resin)

MANUFACTURER'S NAME Controlled Release Technologies, Inc.	EMERGENCY TELEPHONE NUMBER CHEM • TEL (800) 255-3924 Outside USA (813) 248-0573
ADDRESS (NUMBER, STREET, P.O. BOX) 12745 49th Street North	TELEPHONE NUMBER FOR INFORMATION (727) 572-7119
(CITY, STATE AND ZIP CODE) Clearwater, FL 33762-4604	DATE PREPARED: May 10, 2002 SUPERSEDES: May 7, 2000

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	CAS #	%	OSHA PEL		ACGIH TWA		SARA TITLE III	RQ LBS
			PPM	MG/M ³	PPM	MG/M ³		
o-Cresol Glycidyl Ether	2210-79-9		not established					
Bisphenol A polymer with epichlorohydrin	25068-38-6		not established					

SECTION 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE	EMERGENCY AND FIRST AID PROCEDURES
INHALATION: None expected, however, certain individuals may be sensitized and experience minor nausea or headaches.	Remove affected person to fresh air; if symptoms persist seek medical attention.
SKIN: Skin sensitizer, contact with the skin will cause severe irritation and pain. Repeated and / or prolonged contact with the skin may cause allergic reaction and / or sensitization.	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: This product is an eye irritant. Contact with the eyes will cause irritation. Contact with product at elevated temperatures can result in thermal burns.	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: May cause gastric distress, vomiting and diarrhea.	Give two glasses of water for dilution; DO NOT induce vomiting; seek medical attention; never give anything by mouth to an unconscious person.

HEALTH HAZARDS (ACUTE AND CHRONIC): Acute effects are possible irritation and discomfort; chronic effects to skin contact are: allergic reaction and sensitization.

CARCINOGENICITY	NTP?	No	IARC MONOGRAPHS?	No	OSHA REGULATED?	No
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MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.

MATERIAL SAFETY DATA SHEETIDENTITY (AS USED ON LABEL AND LIST)
PANCRETE (Part A - Resin)Page 2 of 2
Date: May 10, 2002**SECTION 4 - FIRE FIGHTING MEASURES**

FLASH POINT (METHOD USED) > 200 ° F FLAMMABLE LIMITS LEL: Not applicable UEL: Not applicable

EXTINGUISHING MEDIA

Carbon dioxide, water fog, dry chemical, chemical foam

SPECIAL 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!

SECTION 5 - 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 6 - 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 7 - EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): None required

VENTILATION LOCAL EXHAUST: Not Necessary
MECHANICAL (GENERAL): RecommendedSPECIAL: None
OTHER: None

PROTECTIVE GLOVES: Recommended for general protection

EYE PROTECTION: Safety goggles with side shields

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyebath nearby

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

SECTION 8 - PHYSICAL / CHEMICAL PROPERTIESBOILING POINT
Not applicableSPECIFIC GRAVITY (WATER = 1)
1.400 - 1.410VAPOR PRESSURE (MM Hg)
Not applicableVOLATILE ORGANIC COMPOUNDS (VOC's)
NoneVAPOR DENSITY (AIR = 1)
Not applicableEVAPORATION RATE (n-Butyl Acetate = 1)
Not applicableSOLUBILITY IN WATER
Nil% VOLATILE (BY WEIGHT)
NoneAPPEARANCE AND ODOR
Clear liquid, characteristic odor**SECTION 9 - STABILITY AND REACTIVITY**STABILITY UNSTABLE:
STABLE: XXXCONDITIONS 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, and smoke may be produced.

HAZARDOUS POLYMERIZATION MAY OCCUR:
WILL NOT OCCUR: XXXCONDITIONS TO AVOID:
None**SECTION 10 - DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations. Products classified as non - hazardous may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260 - 299" for complete waste disposal regulations. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals.

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.