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MATERIAL SAFETY DATA SHEET

A.E.-MSDS NO. 1411 A | DATE ISSUED 1-8-87 | ISSUED BY G. TEASDALE

SECTION I - IDENTIFICATION OF MATERIAL

PRODUCT NAME: CONCRESIVE[R] 1411 PART A

CHEMICAL NAME: MODFIED 4,4' ISOPROPYLIDENEDIPHENYL GLYCIDYL ETHER RESIN

CHEMICAL FAMILY: MODIFIED EPOXY RESIN

C.A.S. NUMBER: MIXTURE

FORMULA: PROPRIETARY

HAZARD RATING

SECTION II - HAZARDOUS INGREDIENTS

COMPOSITION	C.A.S. NUMBER	%	THRESHOLD LIMIT VALUE		
			SOURCE	PPM	MG/M³

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Source: https://www.industrydocuments.ucsf.edu/docs/fpvy0017

PRODUCT NAME: CONCRESIVE[R] 1411 Part A

SECTION III - HEALTH HAZARD DATA

ANSI CLASSIFICATION: 4 (ANSI K68.1 - 1978)	THRESHOLD LIMIT VALUE: Not established (see Section II)

ACUTE EFFECTS OF OVEREXPOSURE

SWALLOWING	LD_{50} - >5000 MG/KG - Not toxic as defined in 16CFR 1500.3
SKIN ABSORPTION	LD_{50}->2000 MG/KG - Not toxic as defined in 16CFR 1500.3
INHALATION	LC_{50}- No deaths in saturated air for 8 hours.
SKIN CONTACT	Not a primary skin irritant as defined in 16CFR 1500.41
EYE CONTACT	Not a primary eye irritant as defined in 16CFR 1500.42

CHRONIC EFFECTS OF OVEREXPOSURE

Prolonged or repeated skin exposure may cause skin and eye irritation and/or sensitization.

ADDITIONAL INFORMATION

EMERGENCY FIRST AID PROCEDURES

SWALLOWING	Induce vomiting by sticking finger down throat or by giving soapy or strong salty water to drink. Repeat until vomit is clear. Call a physician. Never give anything by mouth to an unconscious person.
SKIN	Wash with soap and water or a waterless hand cleaner: followed by soap and water. Do not reuse clothing until thoroughly cleaned. If irritation persists, get medical attention.
INHALATION	Remove victim to fresh air and provide oxygen if breathing is difficult. Give artifical respiration if not breathing. Get medical attention.
EYES	Flush with water for at least 15 minutes while holding eyelids open. Get medical attention.

ADDITIONAL COMMENTS

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PRODUCT NAME: CONCRESIVE[R] 1411 Part A

SECTION IV - PHYSICAL DATA

BOILING POINT, 760 MM HG Not determined	FREEZING POINT Not determined
SPECIFIC GRAVITY (H O = I) 11.15 lb/gal.	VAPOR PRESSURE AT 20 C Not determined
VAPOR DENSITY (AIR = I) > 1	SOLUBILITY IN WATER Negligible
% VOLATILES BY VOLUME Negligible	EVAPORATION RATE Not determined
APPEARANCE AND ODOR White paste	

SECTION V - REACTIVITY

STABILITY -- ____ UNSTABLE __x__ STABLE

HAZARDOUS POLYMERIZATION ____ MAY OCCUR __x__ WILL NOT OCCUR

CONDITIONS AND MATERIALS TO AVOID

Can react vigorously with excess hardner and with strong oxidizing agents and strong lewis or mineral acids.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition may produce CO, aldehydes, and acids from incompleted combustion.

SECTION VI - EMPLOYEE PROTECTION

RESPIRATORY PROTECTION

Use a NIOSH approved respirator to prevent overexposure if vapor levels in the air may or do exceed the limits given in Section II. Use either an atmosphere supplying respirator or an air purifying respirator for organic vapors in compliance with 29 CFR 1910.134.

PROTECTIVE CLOTHING

Product resistant rubber gloves and other protective clothing as required to prevent skin contact. Face shield and goggles as required to prevent eye contact.

ADDITIONAL PROTECTIVE MEASURES

Ventilation must be provided to control vapor levels in work place air.

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PRODUCT NAME: CONCRESIVE[R] AEX-1411 Part A

SECTION VII - FIRE AND EXPLOSION HAZARDS

FLASH POINT AND METHOD USED 164°F Setaflash

FLAMMABLE LIMITS IN AIR, % BY VOLUME LOWER UPPER
Not determined

EXTINGUISHING MEDIA
Water Fog, Foam, CO_2, Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS
Wear full protective equipment including self-contained breathing apparatus. Cool exposed containers with water stream.

UNUSUAL FIRE AND EXPLOSION HAZARDS
No unusual hazards

SECTION VIII - ENVIRONMENTAL PROTECTION

SPILL OR LEAK PROCEDURE

Wear approved respirator and appropriate clothing. Shut off leak if it can be done safely. If warm, remove liquid by pumping into salvage drums. If cool and non-pumpable, remove by shoveling and scraping into salvage drums. Soak up residue and small spills with absorbent material such as clay and put into tight container. If a solvent is used for clearning, take proper precautions against fire and personal overexposure.

WASTE DISPOSAL

Remove to a waste disposal facility operating in compliance with State and local regulations.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in a cool place in tight containers. Avoid breathing vapors of heated material. Avoid all personal contact.

Wash with soap and water before eating, drinking, smoking or using toilet facilities. Launder contaiminated clothing before reuse.

SECTION X - TRANSPORATION REQUIREMENTS

DEPARTMENT OF TRANSPORATION CLASSIFICATION Not regulated.

D.O.T. PROPER SHIPPING NAME

OTHER REQUIREMENTS

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PRODUCT NAME:

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