

MATERIAL SAFETY DATA SHEET

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PRODUCT: # 430 Alco Seal Acrylic Concrete Cure and Seal 1315

SECTION 1 PRODUCT IDENTIFICATION

Trade Name: Acrylic Cure and Seal Compound

Description: A non-yellowing formula of acrylic co-polymers and quick evaporating solvents

Hazard Rating: 1 – Health 2 – Fire 0 – Reactivity

(0 = Least; 4 = Extreme)

SECTION 2 HAZARDOUS INGREDIENTS

Aromatic Naphtha (<75%) CAS # 64742-95-6

Xylene (<2.25% of Naphtha) CAS # 1330-20-7

1,2,4-Trimethylbenzene (<24% of Naphtha) CAS#95-63-6

Cumene (<1.13% of Naphtha) CAS#98-82-8

SECTION 3 PHYSICAL/CHEMICAL DATA

Boiling Point: 300° – 350° F. (Solvent Only)

Vapor Density (Air = 1): > 1 (Solvent Only)

Vapor Pressure (mm Hg): <10.0 @ 20° C. (Solvent Only)

Evaporation Rate: <1 (ether=1)

Specific Gravity (H₂O = 1): 1.0+

Soluble in Water: No

Appearance: Clear, colorless liquid

SECTION 4 FIRE & EXPLOSION DATA

Flash Point: 100° F. + TCC

Upper Explosive Limit (UEL): 6.7

Lower Explosive Limit (LEL): 0.9

KEEP AWAY FROM HEAT, OPEN FLAME OR ANY SOURCE OF IGNITION!

Fire Fighting Procedures: DO NOT USE WATER. If possible, dike with sand and let fire burn out. Self-contained breathing apparatus is recommended.

Extinguishing Media: Dry chemicals, CO₂ or sand

DO NOT USE WATER. Do not use Halogenated Chemicals

SECTION 5 REACTIVITY DATA

This material is stable. Hazardous polymerization will not occur.

Decomposition/Combustion Products: Smoke, CO, CO₂. Do not breathe smoke or fumes.

Wear appropriate personal protective equipment.

Materials to Avoid: Avoid oxidizing materials, strong acids and strong alkalis.

SECTION 6 HEALTH HAZARD DATA

Primary Routes of Entry: Inhalation, Skin, Ingestion, Eyes

Effects of Over Exposure (Chronic): Product is assumed to be moderately irritating to the skin.

Prolonged contact may cause damage to the skin. Prolonged or repeated contact may result in defatting and drying of the skin, which may result in dermatitis.

California Proposition 65: This product contains detectable amounts of some chemicals known to the State of California to cause cancer, birth defects or other reproductive effects.

Effects of Over Exposure (Acute):

Inhalation: – Use with adequate ventilation. Inhalation of high vapor concentration may cause headaches and/or dizziness. This material is for exterior use only.

Skin – Prolonged contact may cause irritation, dermatitis.

Ingestion – Can cause gastrointestinal irritation.

Eyes – May cause irritation, blurred vision.

Medical Conditions Aggravated by Exposure: Persons with a history of chronic skin or respiratory disorders may be at increased risk for a worsening of their condition from exposure to this product.

SECTION 7 FIRST AID PROCEDURE

Skin: Clean affected area with a waterless hand cleaner, then wash area thoroughly with soap and water. If redness, etc., persists, consult a physician.

Eyes: Flush with large amounts of water. Consult a physician.

Inhalation: Remove person from area. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Seek immediate medical aid.

Ingestion: Do not induce vomiting. Consult a physician immediately.

SECTION 8 PREVENTATIVE MEASURES/SAFE HANDLING & USE

Leak and Spill Procedure: Dike spill area; add absorbent to liquid. Keep out of sewers and waterways. Remove any sources of ignition. Ventilate area if necessary.

Waste disposal: Dispose of in approved landfill in accordance with Federal, State and Local regulations.

Precautions in Handling & Storage: Keep away from sources of ignition; open flame. This material is for exterior use only. Avoid prolonged contact with skin. Practice good personal hygiene. Read label of product in its entirety before use.

**DO NOT HEAT OR THIN THIS MATERIAL!
KEEP OUT OF REACH OF CHILDREN!**

SECTION 9 CONTROL PROTECTION DATA

Ventilation: Normally not needed as material is for exterior use only. However if TLV is exceeded, a NIOSH/MSHA approved respirator is recommended. During spray operation, good ventilation and an approved respirator are a must.

Goggles: Chemical splash proof goggles are recommended. And during a spray operation chemical splash proof goggles are a must.

Clothing: Impervious work clothing is recommended.

Personal Protection Equipment: Required equipment must be supplied by the user, depending on use conditions.

SECTION 10 REGULATORY INFORMATION

The following information may be useful in complying with various State and Federal regulations under various environmental statutes:

Reportable Quantity (RQ), EPA Regulation 40 CFR 302 (CERCLA Section 102)

The RQ for cumene is 1 pound. This product contains approximately 5% cumene.
(Solvent)

The RQ for ethyl benzene is 1,000 pounds. This product contains approximately 1.5% ethyl benzene. (Solvent)

The RQ for xylene is 1,000 pounds. This product contains approximately 5% xylene.
(Solvent)

Threshold planning quality (TPQ), EPA Regulation 40 CFR 355 (SARA Sections 301-304).
Not Applicable.

Toxic Chemical Release Reporting, EPA Regulation 40 CFR 372 (SARA Sections 311-313) (Solvent Only).

This product contains approximately 5% cumene.

This product contains approximately 1.5% ethylbenzene.

This product contains approximately 5% xylene.

This product contains approximately 21% 1,2,4-Trimethylbenzene.

EPA Hazard Classification Code: Acute Hazard

Fire Hazard

Reportable/Quantity: Minimum under any act

RCRA Hazardous Waste No. (40 CFR 261): D001

SECTION 11 SHIPPING INFORMATION

Flammability Classification: NFPA: Combustible Liquid – Class II

DOT: Bulk Shipments Only: Combustible Liquid, N.O.S.

(Naphtha, 1,2,4-Trimethylbenzene) NA 1993, III

Labels Required: Identity, Hazard Warning, Name and Address of responsible party

Packaging Requirements (49 CFR): None

SECTION 12 USER RESPONSIBILITY

This product material safety data sheet provides health and safety information. The product

is to be used in applications consistent with our product literature. Individuals handling this product must be informed of the recommended safety precautions and must have access to this information. For any other uses, exposures must be evaluated so that appropriate hand-ling practices and training programs can be established to ensure safe work place operations. Please consult your local sales representative for any further information.

SECTION 13 CLEAN UP AND DISPOSAL

Practice good personal hygiene. Launder contaminated clothing before reuse. Use control protection such as chemical splash proof goggles, oil resistant gloves, barrier cream. To prevent repeated skin contact, wear impervious clothing. Clean tools and equipment with kerosene, adhering to manufacturer's precautions. DO NOT USE GASOLINE OR NAPHTHA. Follow proper container management in disposing of containers. CERCLA amendment on disposal containers should be followed.

SECTION 14 ADDITIONAL PRECAUTIONS

Keep liquid and vapor away from sparks, heat and flames. Extinguish pilot lights, cigarettes and turn off all other possible ignition sources prior to use and until vapors are gone. Product may be ignited by surfaces that are sufficiently hot, even in the absence of sparks or flame. Vapors may accumulate and travel to ignition sources a distance from the work site. Keep containers closed when not in use. Use with adequate ventilation. Empty containers can contain explosive vapors and/or hazardous residues. Do not cut, drill, grind or weld near containers. Wash with soap and water before eating, drinking, smoking or using toilet facilities.

SECTION 15 DISCLAIMER

The information set forth herein is believed to be accurate but is not warranted to be, whether originating with ALCO-NVC, INC. or not. Recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances.

Prepared By: J. R. Maurer

Dated: February 22, 2001

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Reviewed: July 10, 2006

This Material Safety Data Sheet supersedes all other previously dated sheets for this product.