

SECTION 1. IDENTIFICATION

GHS PRODUCT IDENTIFIER: Alchemco Clean & Repair PolyMembrane Flashing

OTHER MEANS OF IDENTIFICATION: ACR PolyMembrane Flashing

PRODUCT CODE: ACR-PMF001

ACR-PMF005

PRODUCT TYPE: Clear Brushable Sealant **IDENTIFIED USES:** Clear Brushable Sealant

Alchemco, A division of MBC North America, Inc

SUPPLIER / MANUFACTURER: 3532 Mayland Court, Henrico, VA 23228

800-610-2895

EMERGENCY TELEPHONE NUMBER WITH HOURS OF OPERATION

800-610-2895 24 hours

SECTION 2. HAZARDS IDENTIFICATION

OSHA/MCS STATUS:

Flammable Liquids: Category 3 Skin Corrosion/Irritation: Category 2

Serious Eye Damage/Eye Irritation: Category 2A

CLASSIFICATION OF THE SUBSTANCE OR Carcinogenicity: Category 2

MIXTURE: Specific Target Organ Toxicity (Single Exposure)(Respiratory Tract Irritation):

Category 3

Specific Target Organ Toxicity (Repeated Exposure): Category 2

Aspiration Hazard: Category 1

GHS LABEL ELEMENTS

HAZARD PICTOGRAMS:







SIGNAL WORD: DANGER

PREVENTION:

Flammable liquid and vapor. Causes serious eye irritation. Causes skin irritation. Suspected of causing cancer. May be fatal if swallowed and enters airways.

May cause respiratory irritation. May cause damage to organs through pro-

longed or repeated exposure.

PRECAUTIONARY STATEMENTS

Keep out of reach of children. Wear protective gloves. Wear eye or face protection. Use only outdoors or in a well-ventilated area. Avoid breathing vapor. In case of inadequate ventilation wear respiratory protection. Wash hands thoroughly after handling. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical,

flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container

tightly closed.



SAFETY DATA SHEET



RESPONSE:

STORAGE:

DISPOSAL:

HAZARDS NOT OTHERWISE CLASSIFIED

(NHOC):

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS#	%
1,2,4-Trimethylbenzene	95-63-6	20-40
Light Aromatic Hydrocarbons	64742-95-6	10-40
1,3,5-Trimethylbenzene	108-67-8	1-10
1,2,3-Trimethylbenzene	526-73-8	1-10
Cumene	98-82-8	1-10
Xylene	1330-20-7	1-10

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

SECTION 4. FIRST AID MEASURES

DESCRIPTION OF NECESSARY FIRST AID MEASURES

EYE CONTACT: Flush immediately with plenty of water for at least 15 minutes. Contact a physi-

cian.

INHALATION: Remove victim to fresh air. Restore breathing if needed. Get medical attention.

Keep warm and quiet.

SKIN CONTACT: REMOVE FROM SKIN IMMEDIATELY. Take off all contaminated clothing.

Launder before reuse. Wash exposed areas with lots of soap and water.

INGESTION: Do not induce vomiting. Call a physician immediately. Wash out mouth with

water.

MOST IMPORTANT SYMPTOMS. EFFECTS, ACUTE AND DELAYED POTENTIAL ACUTE HEALTH EFFECTS

EYE CONTACT:

INHALATION:

SKIN CONTACT:

INGESTION:

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

CHRONIC: Not generally recognized.

OVER-EXPOSURE SIGNS/SYMPTOMS

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

EYE CONTACT: Irritation, pain, watering, redness

INHALATION: Irritation of the upper respiratory system, coughing





SKIN CONTACT: Prolonged or repeated exposure may cause irritation, redness

INGESTION: Nausea, vomiting

DELAYED EFFECTS FROM LONG TERM EXPOSURE

May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death. Prolonged overexposure to hazardous ingredients in Section 3 may cause adverse chronic effects to the following organs or systems: the liver, the urinary system, the reproductive system.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY

NOTES PHYSICIAN:

SPECIFIC TREATMENTS:

PROTECTION OF FIRST-AIDERS:

SECTION 5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

SUITABLE EXTINGUISHING MEDIA: CO2, Dry chemical, Foam.

UNSUITABLE EXTINGUISHING MEDIA: Do not use water jet.

Flammable liquid and vapor. Runoff to sewer may create fire or explosion haz-

SPECIFIC HAZARDS ARISING FROM THE ard. In a fire, or if heated, a pressure increase will occur and the container may

burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.

HAZARDOUS THERMAL DECOMPOSITION

PRODUCTS:

CHFMICAL .

Carbon Dioxide, Carbon Monoxide.

SPECIAL PROTECTIVE ACTIONS FOR Water spray may be ineffective. If water is used, fog nozzles are preferable.

Water may be used to cool closed containers to prevent pressure build-up and

possible autoignition or explosion when exposed to extreme heat.

SPECIAL PROTECTIVE EQUIPMENT FOR

FIRE-FIGHTERS:

FIRE-FIGHTERS:

Full protective equipment including self-contained breathing apparatus should

be used.

Closed containers may explode when exposed to extreme heat.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Application to hot surfaces requires special precautions. During emergency

conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Evacuate nonessential personnel. Remove all sources of ignition and ventilate

the area. Notify appropriate authorities if necessary.

FOR NON-EMERGENCY PERSONNEL: Dike or impound the spilled material and control further spillage if possible.

Cover the spill with sawdust, vermiculite, Fuller's earth or other absorbent ma-

terial. Collect material in open containers.

FOR EMERGENCY RESPONDERS:

Avoid dispersal of spilled material and runoff and contact with soil, waterways,

ENVIRONMENTAL PRECAUTIONS: drains and sewers. Inform the relevant authorities if the product has caused

environmental pollution (sewers, waterways, soil or air).

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP





SMALL SPILL:

Use absorbent materials (sand, sawdust, vermiculite) to contain and absorb spills and scoop into a container. Dispose of via a licensed waste disposal contractor. Observe all Federal, State, and Local Laws concerning Health and

Environment.

LARGE SPILL:

Use absorbent materials (sand, sawdust, vermiculite) to contain and absorb spills and scoop into a container. Dispose of via a licensed waste disposal contractor. Observe all Federal, State, and Local Laws concerning Health and

Environment.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

PROTECTIVE MEASURES:

Always use PPE (see Section 8). Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate.

ADVICE ON GENERAL OCCUPATIONAL HYGIENE:

Contents are FLAMMABLE. Keep away from heat and open flame. Consult NFPA Code. Use approved Bonding and Grounding procedures. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep away from heat and open flame. Avoid storage at extremes of temperature, avoid strong oxidizing agents. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Do not take internally. Keep out of the reach of children.

CONDITIONS FOR SAFE STORAGE INCLUDING ANY INCOMPATIBILITIES:

SHELF LIFE: 6 months at 72°F after receipt of material by customer.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

OCCUPATIONAL EXPOSURE LIMITS

INGREDIENT	ACGIH TLV	NIOSH REL	OSHA PEL
1,2,4 - Trimethylbenzene	TWA: 25 ppm 8 hours TWA: 123 mg/m ³ 8 hours	TWA: 25 ppm 10 hours TWA; 125 mg/m³ 10 hours	
1,3,5 - Trimethylbenzene	TWA: 25 ppm 8 hours TWA: 123 mg/m ³ 8 hours	TWA: 25 ppm 10 hours TWA: 125 mg/m³ 10 hours	
Cumene	TWA: 50 ppm 8 hours	Absorbed through skin TWA: 50 ppm 10 hours TWA: 245 mg/m ³ 10 hours	Absorbed through skin TWA: 50 ppm 8 hours TWA: 245 mg/m³ 8 hours
1,2,3 - Trimethylbenzene	TWA: 25 ppm 8 hours TWA: 123 mg/m ³ 8 hours	TWA: 25 ppm 10 hours TWA: 125 mg/m³ 10 hours	
Xylene	TWA: 100 ppm 8 hours TWA: 434 mg/m³ 8 hours STEL: 150 ppm 15 minutes STEL: 651 mg/m³ 15 minutes		TWA: 100 ppm 8 hours TWA:435 mg/m ³ 8 hours





Use only with adequate ventilation. Use engineering controls to keep worker APPROPRIATE ENGINEERING CONTROLS:

exposure to airborne contaminants below any recommended or statutory

limits.

ENVIRONMENTAL EXPOSURE CONTROLS:

INDIVIDUAL PROTECTION MEASURES

Conditions of use, actual exposures, and engineering controls will dictate

the need for specific protection at your site. **HYGIENE MEASURES:**

Educate and train all employees in the safe use of product.

REFER TO SECTION 6 FOR ADDITIONAL INFORMATION

EYE PROTECTION: Safety glasses, goggles or face shield.

SKIN PROTECTION: Chemical resistant, impervious gloves should be worn at all

times. Cover as much exposed skin as will be exposed to any risk.

EYE/FACE/RESPIRATORY PROTECTION: RESPIRATORY PROTECTION: Always use with adequate ventilation to avoid

> exceeding exposure limits. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is

necessary.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Clear Liquid

PHYSICAL STATE: Viscous Liquid

ODOR: Hydrocarbon

ODOR THRESHOLD: NA

PH: NA

MELTING POINT: NA

BOILING POINT: NA

FLASH POINT: F: 110 C: 43 Method used: Closed Cup

EVAPORATION RATE: 0.53 (butyl acetate =1)

FLAMMABILITY (SOLID, GAS): NA

LOWER AND UPPER EXPLOSIVE: LEL 1.0 UEL 7.0 (Tag CC)

VAPOR PRESSURE: 10mm Hg

VAPOR DENSITY: ~4

RELATIVE DENSITY: .92 @ 77°F

SOLUBILITY: NA

PARTITION COEFFICIENT

N-OCTANOL/WATER:

AUTO-IGNITION TEMPERATURE: NA

DECOMPOSITION TEMPERATURE: NA

(room temperature): <0.205 cm2/s (>20.5 cSt) VISCOSITY:

(104°F, 40°C): <0.205 cm2/s (<20.5cSt)

VOLATILE ORGANIC COMPOUNDS (VOC) < 475 g/l

BY VOLUME:

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY: No specific data available.





CHEMICAL STABILITY: Stable at room temperature.

POSSIBILITY OF HAZARDOUS REACTIONS: Under normal conditions of storage and use, hazardous reactions will not occur.

CONDITIONS TO AVOID: Avoid sources of spark, open flame, or high temperatures.

INCOMPATIBLE MATERIALS: Strong Oxidizing Agents.

HAZARDOUS DECOMPOSITION Under normal conditions of storage and use, hazardous decomposition prod-

PRODUCTS: ucts should not be produced.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY: LD50 ORAL

PRODUCT/INGREDIENT NAME	SPECIES	DOSE	EXPOSURE
1,2,4-Trimethylbenzene	Rat	5000 mg/kg	-
Light Aromatic Hydrocarbons	Rat	8400 mg/kg	-
1,3,5-Trimethylbenzene	Rat	5000 mg/kg	-
Cumene	Rat	1400 mg/kg	-
Xylene	Rat	4300 mg/kg	-

ACUTE TOXICITY: LC50 INHALATION VAPOR

PRODUCT/INGREDIENT NAME	SPECIES	DOSE	EXPOSURE
1,2,4-Trimethylbenzene	Rat	18000 mg/m3	4 hours
1,3,5-Trimethylbenzene	Rat	24000 mg/m3	4 hours
Cumene	Rat	39000 mg/m3	4 hours
Xylene (LC50 Inhalation Gas)	Rat	5000 ppm	4 hours

Conclusion: Irritating to respiratory system.

IRRITATION/CORROSION

PRODUCT/INGREDIENT NAME	RESULT	SPECIES	EXPOSURE
Light Aromatic Hydrocarbons	Eyes - Mild irritant	Rabbit	24 hours 100 microliters
1,3,5-Trimethylbenzene	Eyes - Mild irritant	Rabbit	24 hours 500 milligrams
	Skin - Moderate irritant	Rabbit	24 hours 20 milligrams
Cumene	Eyes - Mild irritant	Rabbit	24 hours 500 milligrams
	Eyes - Mild irritant	Rabbit	86 milligrams
	Skin - Mild irritant	Rabbit	24 hours 10 milligrams
	Skin - Moderate irritant	Rabbit	24 hours 100 milligrams
Xylene	Eyes - Mild irritant	Rabbit	87 milligrams
	Eyes - Severe irritant	Rabbit	24 hours 5 milligrams
	Skin - Mild irritant	Rat	8 hours 60 microliters
	Skin - Moderate irritant	Rabbit	24 hours 500 milligrams

SENSITIZATION: Not available

CLASSIFICATION

PRODUCT/INGREDIENT NAME	OSHA	IARC	NTP	ACGIH	EPA	NIOSH







SPECIFIC TARGET ORGAN TOXICITY

(SINGLE EXPOSURE)

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE)

ASPIRATION HAZARD

POTENTIAL ACUTE HEALTH EFFECTS

EYE CONTACT: Causes serious eye irritation.

INHALATION: May cause respiratory irritation.

SKIN CONTACT: Causes skin irritation.

INGESTION: May be fatal if swallowed and enters airways.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS

EYE CONTACT: pain or irritation; watering; redness **INHALATION:** respiratory tract irritation; coughing;

SKIN CONTACT: irritation; redness INGESTION: nausea or vomiting

DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT AND LONGER TERM EXPOSURE

SHORT TERM EXPOSURE

POTENTIAL IMMEDIATE EFFECTS: NA

POTENTIAL DELAYED EFFECTS: NA

LONG TERM EXPOSURE

POTENTIAL IMMEDIATE EFFECTS: NA

POTENTIAL DELAYED EFFECTS: NA

POTENTIAL CHRONIC HEALTH EFFECTS

GENERAL:

CARCINOGENICITY: No data available.

MUTAGENICITY: No data available.

TERATOGENICITY:

DEVELOPMENTAL EFFECTS:

BIOACCUMULATIVE POTENTIAL:

FERTILITY EFFECTS:

NUMERICAL MEASURES OF TOXICITY

ACUTE TOXICITY ESTIMATES

SECTION 12. ECOLOGICAL INFORMATION

Light Aromatic Hydrocarbons Readily biodegradable PERSISTENCE AND DEGRADABILITY:

Xylene Readily biodegradable

1,2,4-TrimethylbenzeneLow PotentialLight Aromatic HydrocarbonsHigh Potential1,3,5-TrimethylbenzeneLow PotentialCumeneLow Potential

1,2,3-Trimethylbenzene Low Potential Xylene Low Potential

MOBILITY IN SOIL: No data available.

OTHER ADVERSE EFFECTS: No known significant effects or critical hazards.





SECTION 13. DISPOSAL CONSIDERATIONS

The generation of waste should be avoided or minimized whenever possible. Dispose of in accordance with all Federal, State/Provincial, and Local regulations. The material and containers must be disposed of in a safe way. Empty

DISPOSAL METHODS:

containers may retain some residues, and vapor from these residues may create a flammable atmosphere inside the container. Do not cut, grind, or weld used containers. Incinerate in approved facility. Do not incinerate closed container.

SECTION 14. TRANSPORTATION INFORMATION

U.S. DOT (Domestic Surface)

PROPER SHIPPING NAME: Coating Solution

HAZARD CLASS: 3

UN NUMBER: UN1139
PACKING GROUP: PG III

LABEL STATEMENT: Flammable Liquid

Single Gallons may be classified as Combustible Liquid. Non-bulk packages (less than or equal to 119 gal) of combustible liquids are not regulated as hazardous materials in package sizes less than the product reportable quantity.

ICAO/IATA (Air Transportation)

PROPER SHIPPING NAME: Coating Solution

HAZARD CLASS: 3

UN NUMBER: UN1139
PACKING GROUP: PG III

LABEL STATEMENT: Flammable Liquid

IMO/IMDG (Water Transportation)

PROPER SHIPPING NAME: Coating Solution

HAZARD CLASS: 3

UN NUMBER: UN1139 PACKING GROUP: PG III

LABEL STATEMENT: Flammable Liquid

5 liters (1.3 gallons) and less may be shipped as Limited Quantity.

SECTION 15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

TSCA (TOXIC SUBSTANCE CONTROL ACT): All chemicals in this product are listed, or are exempt from listing, on the TSCA

Inventory

CLEAN AIR ACT SECTION 112(B) HAZARDOUS

AIR POLLUTANTS

CLEAN AIR ACT SECTION 602

CLASS I SUBSTANCE:

CLEAN AIR ACT SECTION 602

CLASS II SUBSTANCES:

DEA LIST I CHEMICALS

(PRECURSOR CHEMICALS):





SARA 302/304

SARA 311/312

SARA 313

CHEMICAL/COMPOUND	CAS #	%
1,2,4 - Trimethylbenzene	95-63-6	20-30
Cumene	98-82-8	1-5
Xylene	1330-20-7	1-5

Any concentration shown as a range is to protect confidentiality.

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

STATE REGULATIONS

CALIFORNIA PROP. 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

OTHER U.S. STATE INVENTORIES:

SECTION 16. OTHER INFORMATION

HMIS HAZARD CLASSIFICATION

HEALTH: 3

FLAMMABILITY: 2

HMIS HAZARD CLASSIFICATION: PHYSICAL HAZARDS: 0

PROTECTION: (the customer is responsible for determining the PPE code for this prod-

uct.)

HISTORY

DATE OF ISSUE MM/DD/YYYY: 02/08/2019

VERSION: 1 PREPARED BY:

> ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labeling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

KEY ABBREVIATIONS: IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL 73/78 = International Convention for the Prevention of Pollution From

1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

UN = United Nations

