



SAFETY DATA SHEET

Part No.: MVP-3 Part A

Released March 17, 2025

PRODUCT NAME: Moisture Vapor Primer Part A

SECTION 1 – MANUFACTURER IDENTIFICATION

DISTRIBUTED BY: StoneCrete Systems

ADDRESS: 130 S State St. Orem, UT 84058

INFORMATION PHONE: (801) 224-1347

EMERGENCY CONTACT: (Infotrac): 800-535-5053

DATE: March 17, 2025

PRODUCT NAME: Moisture Vapor Primer Part A

PRODUCT FAMILY: 100% Solids Clear Epoxy Resin

SECTION 2 – COMPOSITION & INGREDIENTS

OSHA Hazard Communication Standard:

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

GHS-Label Elements: **Signal Word:**
WARNING



GHS 07



GHS 09

Classification of the substance or mixture:

Hazard Class	Category	Hazard Statement Codes	Hazard Statements
Skin Irritation	2	H315	Causes skin irritation
Eye irritation	2A	H319	Causes serious eye irritation
Skin Sensitization	1B	H317	May cause an allergic skin reaction
Aquatic Hazard, Acute	2	H402	Toxic to aquatic life
Aquatic Hazard, Chronic	2	H411	Toxic to aquatic life with long lasting effects

Precautionary Statements:

Prevention:	P261 P264 P272 P273 P280	Avoid breathing mist/vapors/spray. Wash exposed area with plenty of water and soap thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves / protective clothing / eye protection / face protection.
Response:	P302 + P352 P305 + P351 + P338 P333 + P313 P362 P337 + P313 P391	IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. If eye irritation persists: Get medical advice/attention. Collect spillage.
Storage:	None	



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Disposal: P501 Dispose of contents/container to hazardous or special waste collection point in accordance with local/regional/national/international regulations.

Hazards not otherwise classified: No specific dangers known.

SECTION 3 – HAZARDS IDENTIFICATION

Components	CAS#	Concentration, %
4,4'- Isopropylidiphenol-Epichlorohydrin Copolymer	025068-38-6	60-100
O-Cresyl Glycidylether	002210-79-9	1-5

SECTION 4 – FIRST AID MEASURES

Description of First Aid Measures:

General: Remove person from affected area and make comfortable. Treat symptomatically.

Inhalation: Move to fresh air. Give assisted respiration if breathing has stopped or is labored - call a physician.

Skin: Remove product and flush affected area with water for 15 minutes. If irritation persists, get medical attention.

Eye: Flush with water for 15 minutes. Get medical attention.

Ingestion: Give 3-4 glasses of water or milk if person is conscious. Do not induce vomiting! Obtain medical care and treatment.

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: 93°C (199°F) TCC

FLAMMABLE LIMITS: LEL: ND UEL: ND

AUTO IGNITION TEMP: ND

CONDITIONS OF FLAMMABILITY: NA

OSHA CLASS: Not regulated

HAZARDOUS COMBUSTION PRODUCTS: CO, CO₂, Aldehydes, Acids

SENSITIVITY TO IMPACT: ND

SENSITIVITY TO STATIC DISCHARGE: ND

EXTINGUISHING MEDIA: Ignition may give rise to a Class B fire. In case of fire use: water, fog, carbon dioxide, dry chemical, alcohol, foam.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breather apparatus and protective clothing. Water spray is useful in cooling fire-exposed vessels and in dispersing vapors.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS: May generate toxic or irritating combustion products. Sudden reaction and fire may result if product is mixed with an oxidizing agent.

SECTION 6 – SPILLAGE, ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: Shut off sources of ignition. Cover spills with absorbent. Place in metal containers for recovery or disposal. Prevent entry into sewers, storm drains, and waterways.

SECTION 7 – HANDLING AND STORAGE

GENERAL: Store in cool, well-ventilated areas. Keep away from heat and open flames. Avoid prolonged inhalation of heated vapors or mists. Avoid prolonged skin contact.



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STORAGE: Avoid temperature extremes. Store away from excessive heat, from sources of ignition and from reactive materials.

SECTION 8 – EXPOSURE CONTROLS AND PROTECTION INFORMATION

INGREDIENTS (CAS)	EXPOSURE LIMITS (ppm)		OTHER
	OSHA TWA STEL	ACGIH TWA STEL	
025068-38-6	NE NE	NE NE	
002210-79-9	NE NE	NE NE	

LEGEND: (M) Max. exposure limit; (S) Occupational exp. Limit; (R) Suppliers rec. limit, (+) Percutaneous risk

Note 1: Values meaningful only when hardened product is abraded, ground, etc. Engineering controls: nonspecific controls needed. General and local exhaust recommended.

RESPIRATORY PROTECTION: None required in adequately ventilated areas. If vapor concentration exceeds 20ppm for longer than 15 minutes, a NIOSH approved respirator for organic vapors is recommended.

PROTECTIVE GLOVES: Nitrile rubber

EYE PROTECTION: Splash-proof goggles or chemical safety glasses

OTHER PROTECTIVE EQUIPMENT: Long-sleeved shirts and trousers. Emergency showers and eye wash stations should be readily accessible.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear to hazy amber liquid
Odor:	Mild
Odor threshold:	ND
pH:	Not available
Melting point:	ND
Boiling point:	>120°C (199°F)
Evaporation rate:	<1 (Butyl Acetate = 1)
Vapor pressure:	<0.13 kPa @ 20°C (68°F)
Vapor density:	ND (AIR = 1)
% Volatiles by volume:	0%
% Solids by weight:	100%
Solubility (water):	Insoluble
Coefficient of water/oil distribution:	ND
Specific gravity:	1.1-1.2

SECTION 10 – STABILITY AND REACTIVITY

Chemical stability: Stable

Reactivity: Hazardous Polymerization will not occur.

Conditions to avoid: Not applicable – material is stable.

Incompatible materials: Oxidizing agents (perchlorates, nitrates). Strong acids, hypochlorites, peroxides.

Hazardous decomposition products: CO, CO₂



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SECTION 11 – TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation, Skin and Eye Contact, Ingestion.

Symptoms of exposure:

Acute toxicity:

Oral: Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts. LD50, RAT >15,000 mg/kg

Dermal: Prolonged skin contact is unlikely to result in absorption of harmful amounts. LD50, RABBIT 23,000 mg/kg

Inhalation: At room temperature, exposure to vapor is minimal due to low volatility. Vapor from heated material, mist or aerosols may cause respiratory irritation. LC50 Has not been determined.

Skin corrosion / irritation: Prolonged contact may cause skin irritation with local redness. Repeated contact may cause skin irritation with local redness.

Serious eye damage/ eye irritation:

May cause eye irritation. Corneal injury is unlikely.

Specific target organ toxicity, single exposure:

Evaluation of available data suggests this material is not an STOT-SE toxicant.

Specific target organ toxicity, single exposure: Except for skin sensitization, repeated exposures to low molecular epoxy resins of this type are not anticipated to cause any significant adverse effects.

Sensitization: For similar materials: Has caused allergic skin reactions in humans. Has demonstrated the potential for contact allergy in mice.

For respiratory sensitization: No relevant data found.

Carcinogenic Data: NTP: NONE OSHA: NONE IARC: NONE

Teratogenicity: No **Mutagenicity:** No

Embryotoxicity: No **Synergistic Material:** No

SECTION 12 – ECOLOGICAL INFORMATION

TOXICITY:

Acute toxicity to fish: Material is moderately toxic to aquatic organisms on an acute basis. (LC50/EC50 between 1 and 10 mg/l in the most sensitive species tested LC50, Oncorhynchus mykiss (rainbow trout), semi-static test. 96 HR, 2 mg/l

Acute toxicity to aquatic invertebrates:

EC50, daphnia magna (water flea), static test, 48 HR, 1.8 mg/l

Acute toxicity to algae/aquatic plants:

ErC50, Scenedesmus capricornutum (freshwater algae), static test, 72 HR, growth rate inhibition 11mg/L

Toxicity to bacteria:

IC50, Bacteria, 18 HR, respiration rates > 42.6 mg/l

CHRONIC AQUATIC TOXICITY:

Chronic toxicity to aquatic invertebrates:

MATC (Maximum acceptable toxicant level), daphnia magna, semi-static test, 21 d, number of offspring, 0.55 mg/l

PERSISTANCE AND DEGRADABILITY:

Biodegradability: Based on stringent OECD test guidelines, this material cannot be considered readily biodegradable; however, these results do not necessarily mean that the material is not biodegradable under environmental conditions.

10 Day window: NA

Biodegradation: 12%

Exposure time: 28 DAYS

Method: OECD test guideline 302B or equivalent

Theoretical oxygen demand: 2.35 mg/mg estimated

PHOTODEGRADATION:

Test type: Half-life (indirect photolysis)

Sensitizer on radicals



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Atmospheric half-life: 1.92 HR

Method: Estimated

BIOACCUMULATIVE POTENTIAL:

Bioaccumulation: bioconcentration potential is moderate (BCF between 100 and 3000 or log pow between 3 and 5)

Partition coefficient: N-Octanol/water (LOG POW): 3.242 @25°C estimated

SECTION 13 –DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Not a hazardous waste by RCRA criteria (40 CFR 261). Place in an appropriate disposal facility in compliance with all federal, state, and local regulations.

SECTION 14 –TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: RESIN COMPOUND, NOT REGULATED

HAZARD CLASS: NA

UN NUMBER: NA

PACKAGING GROUP: NA

DOT PRODUCT RQ LBS (KGS): NA

HAZARD LABEL: NA

HAZARD PLACARD: NA

IMO SHIPPING DATA: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S. (EPOXY RESIN), 9, PGIII

ICAO/IATA SHIPPING DATA: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S. (EPOXY RESIN), 9, PGIII

ADDITIONAL INFORMATION: NONE

SECTION 15 –NATIONAL REGULATIONS AND REFERENCES

VOC COMPONENT: 0 grams/Liter **AS APPLIED:** 0 grams/Liter (PART OF MULTI-COMPONENT SYSTEM)

TSCA (TOXIC SUBSTANCE CONTROL ACT): ALL COMPONENTS ARE LISTED IN THE TSCA CHEMICAL SUBSTANCE INVENTORY.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION and LIABILITY ACT): ND

SARA TITLE III

SECTION 312 HAZARD CLASS: IMMEDIATE (ACUTE) HEALTH HAZARD, DELAYED (CHRONIC) HEALTH HAZARD

SECTION 313 LISTED INGREDIENTS: NONE ABOVE de Minimus LEVELS

CALIFORNIA PROPOSITION 65: THE BELOW LIST OF COMPOUNDS IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM: NONE.

SECTION 16 –DISCLAIMER

LEGEND

GHS
CAS

Globally Harmonized System
Chemical Abstracts Services

OSHA

Occupational Safety and Health
Administration

ACGIH

American Conference of Governmental
Industrial Hygienists

NIOSH

National Institute of Occupational Safety and
Health

PEL

Permissible Exposure Limits



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TLV	Threshold Limit Value
TWA	Time-Weighted Average
STEL	Short-term exposure limit
STOT, SE	Specific Target Organ Toxicity following Single Exposure
STOT, RE	Specific Target Organ Toxicity following Repeated Exposure
DOT	Department of Transportation
IATA, ICAO	International Air Transport Association, International Civil Aviation Organization
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act

Latest revision date: November 21, 2019 –New

Date of the previous revision: New

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