

PRIMER

SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

HAR Adhesive Technologies
60 South Park
Bedford, OH 44146
440-786-7185

PRODUCT INFORMATION

PRODUCT NUMBER: Jay Cooke Primer
PRODUCT DESCRIPTION: Synthetic resin
RECOMMENDED USES: General purpose primer/paint
RESTRICTIONS ON USE: Industrial use only
ON USE: Not Applicable to mixtures
CHEMICAL FORMULA:

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification

Flammable Liquids: N/A

Acute Toxicity (Oral): Category 4

Inhalation (Dust): Category 1A

Eye Irritant: Category 2A

Specific target organ toxicity: Repeated exposure Category 2, kidney



Signal Word: Danger

Hazard Statements:

IF IN EYES: May cause eye irritation.

DERMAL (ACUTE): Wash with soap and water. Get medical attention if irritation develops or persists.

SKIN IRRITATION: May cause minor skin irritation.

INHALATION: This material presents a hazard if concentrations exceed threshold limit levels indicated in Section 8.

ORAL: May cause damage to organs (Kidney) through prolonged or repeated exposure if swallowed.

Precautionary Statements: Protection:

- Do not breathe dust
- In case of inadequate ventilation, wear respiratory protection
- Dispose of contents in accordance with local regulations
- Wash skin thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Wear protective gloves/eye protection/face protection.

This product contains crystalline silica (CS) which is considered a hazard by inhalation, IARC has classified inhalation

of CS as a carcinogen for humans (Group 1). CS is listed by NTP as a known human carcinogen. Inhalation of CS is also a known cause of silicosis, a non-cancerous lung disease.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Family: Water Based Synthetic Polymer

Chemical Name	CAS #	CONCENTRATION (% by weight)	OSHA PEL
Titanium Dioxide	13463-67-7	18%	10 mg/M3
Diatomaceous Earth	061790-53-2	10%	10 mg/M3
Calcium Carbonate	471-34-1	6%	10 mg/M3
Crystalline Silicate	14464-46-1	<5%	.025mg/M3
Ethylene Glycol	107-21-1	<2%	100 mg/m3
Water	7732-18-5	<50%	N/A
Acrylic Polymer	Mixture	<30%	N/A

SECTION 4: FIRST AID MEASURES

IF IN EYES: Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.
IF ON SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.
IF VAPORS INHALED: This material does not present a hazard if inhaled. Remove individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure.
If DUST INHALED: Remove to fresh air. Drink water to clear throat and blow nose to evacuate dust.
IF SWALLOWED: Do not induce vomiting. Seek medical attention immediately. Drink two glasses of water or milk to dilute. Do not give anything by mouth to an unconscious person. Induce vomiting as a last measure. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: Non-flammable
AUTOIGNITION Not established
TEMPERATURE:
LOWER EXPLOSIVE LIMIT (% in air): Not established
UPPER EXPLOSIVE LIMIT (% in air): Not established
EXTINGUISHING MEDIA: Use water spray, foam, dry chemical or carbon dioxide.
UNUSUAL FIRE AND EXPLOSION HAZARDS: There is a possibility of pressure buildup in closed containers when heated. Water spray may be used to cool the containers.
SPECIAL FIRE FIGHTING INSTRUCTIONS: Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.
HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, Carbon monoxide

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPECIAL PROTECTION: No health effects expected from the cleanup of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section 8 of this SDS.

CLEAN-UP: Dike if necessary, contain spill with inert absorbent and transfer to containers for disposal. Keep spilled product out of sewers, watersheds, or water systems.

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SECTION 7: HANDLING AND STORAGE

Handling: Mildly irritating material. Avoid unnecessary exposure.

Storage: Store in a cool, dry place. Do not allow to freeze as product may be damaged.

Consult the Technical Data Sheet for specific storage instructions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: Wear safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne

material. Have an eye wash station available.

SKIN
PROTECTION: Avoid skin contact by wearing chemically resistant gloves.

GLOVES: Nitrile

RESPIRATORY
PROTECTION: No respiratory protection required under normal conditions of use. NIOSH approved air purifying respirator with organic vapor cartridge and dust/mist filter. Respirators should be selected by and used following requirements found in OSHA's respirator standard (29 CFR 1910.134).

VENTILATION: No exposure limits exist for the constituents of this product. No engineering controls are likely to be required to maintain operator comfort under normal conditions of use.

EXPOSURE LIMITS:

Chemical Name	ACGIH EXPOSURE LIMITS
Ethylene Glycol	100mg/m ³

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
COLOR: White

ODOR:	Typical Latex Paint
ODOR THRESHOLD:	Not established
WEIGHT PER GALLON (lbs.):	10.8
SPECIFIC GRAVITY:	~1.3
SOLIDS (% by weight):	50 - 52
pH:	Not Established
BOILING POINT (deg. C):	212 - 390° F
FREEZING/MELTING POINT (deg. C):	Not established
VAPOR PRESSURE (mm Hg):	Not established
MAXIMUM VOC:	99.7 G/L (.86 pounds/gal)
VAPOR DENSITY:	Not established
EVAPORATION RATE:	Not established
OCTANOL/WATER COEFFICIENT:	Not established
DECOMPOSITION TEMPERATURE:	Not established

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable under normal conditions.
CHEMICAL INCOMPATIBILITY:	Not established
CONDITIONS TO AVOID:	Strong Acids or Bases
HAZARDOUS POLYMERIZATION:	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide, carbon dioxide

SECTION 11: TOXICOLOGICAL INFORMATION

CHEMICAL NAME	LD50/LC50 Rat Oral
Ethylene Glycol	6,140 mg/kg

TOXICOLOGY SUMMARY: No additional health information available. The mixture has not been tested. The information provided is for Ethylene Glycol only.

SECTION 12: ECOLOGICAL INFORMATION

OVERVIEW: No ecological information available

SECTION 13: DISPOSAL CONSIDERATIONS

To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.

SECTION 14: TRANSPORTATION INFORMATION

Consult Bill of Lading for transportation information.

NOT REGULATED

DOT: NO SPECIFIC HAZARDS KNOWN

SECTION 15: REGULATORY INFORMATION

INVENTORY STATUS

This product is in compliance with the Toxic
U.S. EPA TSCA: Substances Control Act's Inventory requirements.
CANADIAN CEPAThis product is in compliance with the Canadian
DSL: Domestic Substance List requirements.

TSCA Section 12(b) - Export Notice Requirements: This product does not contain any TSCA 12 (b) regulated chemicals.

CERCLA REGULATED CHEMICAL: Ethylene Glycol = 1 -3 % RQ = 5,000lbs

SARA 302 EHS CHEMICALS: This product does not contain any SARA extremely hazardous chemicals.

SARA 313 CHEMICALS: Ethylene Glycol = 1 -3 % RQ = 5,000lbs

WHMIS STATUS: Unless listed below, this product is not controlled under the Canadian Workplace Hazardous Materials Information System.

European Union - REACH – Substances of Very High Concern:

We do not intentionally add any of the known chemicals to the adhesive products listed, nor are any of these chemicals intentionally added in the manufacture of the raw materials used.

Occupational Safety and Health Administration (OSHA): We do not intentionally add $\geq 0.1\%$ of Regulated Toxic Metals as listed by OSHA, nor are any of these chemicals intentionally added in the manufacture of raw materials used.

SECTION 16: ADDITIONAL INFORMATION

DATE: 4/42024

This Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS). The information and recommendations set forth herein are believed to be accurate. Because some of the information is derived from information provided to HAR

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