

MATERIAL SAFETY DATA SHEET



S-240

Prepared 6/06

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I. PRODUCT IDENTIFICATION

Name: Armstrong S-240 Epoxy Adhesive (Part A and Part B)

Description: Epoxy-type resin adhesive

II. DEPARTMENT OF TRANSPORTATION INFORMATION

SHIPPING NAME: Not classified. HAZARD CLASS: N/A. ID#: N/A.

EMERGENCY ONLY CONTACT: CHEM-TEL-1-800-255-3924.

III. HMIS (0=minimal hazard; 4 = severe hazard)

Health = 2 Flammability = 1 Reactivity = 0

IV. PRODUCT CONTENT

This product does not contain chemicals subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR 372. All components are on TSCA inventory. This product does NOT contain asbestos.

V. HAZARDOUS INGREDIENTS

(Chemical Identity; Common Name)	C.A.S. No.	%	OSHA PEL	ACGIH TLV
Part A: Epichlorohydrin, Bisphenol A Resin	25068-38-6	<50	N/A	N/A
Part B: Polyamide Resin	68410-23-1	<70	N/A	N/A

VI. PHYSICAL DATA

APPEARANCE: Part A: Off-white thin paste, mild epoxy resin odor; Part B: Light amber paste with ammonia odor. BOILING POINT (degrees F): N/A. VAPOR PRESSURE (mm Hg @ 20°C): N/A. VAPOR DENSITY (air = 1): N/A. % VOLATILE BY WEIGHT (30 min. @ 275°F): N/K. EVAPORATION RATE (butyl acetate = 1): N/A. WT/GAL (water =8.3): Part A: 12.5; Part B: 9.4. SOLUBILITY IN WATER: None. SPECIFIC GRAVITY(H20 =1): N/A. VOC: Part A and PART B: <10 g/l calculated at 70°F/21°C, SCAQMD. pH: N/K.

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD): Part A: >400°F, Part B: >340° F (T.O.C.) FLAMMABLE RANGE: LEL: N/A; UEL: N/A. EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, or water spray. SPECIAL FIRE FIGHTING PROCEDURES: Protect fire fighters from toxic products of combustion by wearing self-contained breathing apparatus. UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers in a fire may rupture due to pressure build-up; use water to cool containers to prevent this.

VIII. HEALTH HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY: Inhalation, and direct dermal exposure. TARGET ORGANS: Upper respiratory tract, skin, eyes. EFFECTS OF OVEREXPOSURE: SKIN AND EYES: Part A - Prolonged or repeated skin exposure can cause mild skin irritation. Contact with eyes may cause irritation. Part B - Repeated or prolonged exposure to the skin can cause irritation and may cause sensitization and allergic reaction. Contact with eyes can cause irritation, redness and tearing. INHALATION: Part B - May cause irritation of respiratory tract. CARCINOGENICITY: NTP: No; IARC Monographs: No; OSHA Regulated: No MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Any condition generally aggravated by a pulmonary irritant. Existing skin conditions. FIRST AID PROCEDURES: SKIN AND EYES: Flush any eye contact with plenty of water. Additionally with skin contact, wash with soap and water. Refer to physician if irritation or symptoms persist. INHALATION: Remove to fresh air. Seek medical attention if symptoms persist. INGESTION: Do not induce vomiting. Call a Poison Control Center or physician for guidance.

IX. REACTIVITY DATA

STABILITY: Stable. INCOMPATIBILITY: Strong oxidizing agents. HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, and other toxic vapors and gases that are common to thermal degradation of organic compounds. HAZARDOUS POLYMERIZATION: Mixing of the two components Part A with Part B generates heat.

X. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Ventilate area of spill or release. Contain spill, preventing it from entering sewer lines or waterways. Use absorbent to assist with the pick-up of material. Scrape up product and place into container. Residual of product, while still wet, can be cleaned up with warm soapy water. Clean-up personnel must avoid skin and eye contact while scrapping up material. WASTE DISPOSAL METHOD: Dispose of container and any unused contents in accordance with Federal, State, and Local Waste Disposal Regulations. Do not flush unused contents or residue down drains. Do not reuse container.

XI. SPECIAL HANDLING AND USE INFORMATION

VENTILATION: Normal ambient ventilation should be sufficient. RESPIRATORY PROTECTION: With adequate ventilation, respiratory equipment should not be needed. If adequate ventilation is not afforded, wear respiratory equipment approved for organic vapors. SKIN AND EYE PROTECTION: During normal end-product use, cotton or loop-pile gloves and spectacle-type safety glasses are recommended to prevent contact with this product.

XII. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep out of reach of children. Keep containers tightly closed. Store in a cool, dry place. Recommended storage temperature is below 90° F. and above 35°F. OTHER PRECAUTIONS: Wash with soap and water before eating, drinking, smoking or using toilet facilities. Launder contaminated clothing before reuse. WORK SITE ENVIRONMENT: Initially there may be a potential adverse impact on indoor air quality within the general work area during the installation process. Therefore you should advise the building manager or other appropriate person that: • It will be necessary to establish and maintain adequate ventilation of the work area, without causing the entry of contaminants to other parts of building; and • Persons who are sensitive to odors and/or chemicals should be advised to avoid the work area during this process.

The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

N/A - not applicable or not available

N/K - none known or not known

