



Polymer Adhesives

Sealant Systems, Inc.

MATERIAL SAFETY DATA SHEET

SECTION I

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| DISTRIBUTOR OR MANUFACTURER: Polymer Adhesives Sealant Systems, Inc. | | EMERGENCY TELEPHONE NO. CHEMTREC (800) 424-9300 |
| ADDRESS (Number, Street, City, State and ZIP Code) 1412 Greenwood Rd. Weatherford, TX 76088 | | |
| CHEMICAL FAMILY: Acrylic Emulsion | PRODUCT NAME AND SYNONYMS Airseal #22 | |
| PRODUCT USE Duct Sealant / Mastic | FORMULA Proprietary | |

SECTION II - HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENTS | CAS NUMBER | % | PEL (ppm) | | | SKIN DESIGNATION | LD50 OF INGREDIENT (SPECIFY SPECIES AND ROUTE) | LD50 OF INGREDIENT (SPECIFY SPECIES) |
|--------------------------|---------------|------|-----------|------------|---------|---------------------|---|---|
| | | | TWA | STEL | CEILING | | | |
| Methyl Alcohol | 67-56-1 | <3 | 50ppm | 250 ppm | 50ppm | Yes | 145,000 ppm /Rats | 15,840 ppm/kg Skin Rabbits |
| Ammonium Hydroxide | 1336-21-6 | <0.4 | 25ppm | 50ppm | N/A | NO | Oral rat -350 mg/kg | Inhalation Rat 2,000ppm/4hr |
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SECTION III - PHYSICAL DATA

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| PHYSICAL STATE Paste | ODOR AND APPEARANCE White or gray with slight paint odor | VOC (grams/liter) 35 | ODOR THRESHOLD (ppm) N/A |
| VAPOR PRESSURE Not established | VAPOR DENSITY Not established | EVAPORATION RATE Less than 1 | BOILING POINT (°C) 100° C |
| FREEZING POINT 0° C | | | |
| PH 8.0 - 9.5 | SPECIFIC GRAVITY 1.30 - 1.40 | COEFF. WATER/OIL DIST. Not available | SOLUBILITY IN WATER Soluble |
| | | | VOLATILES BY WT. (%) <3 |

SECTION IV - FIRE AND EXPLOSION DATA

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| FLAMMABILITY NO X IF YES UNDER WHICH CONDITIONS? | | | |
| FLASHPOINT (°C) AND METHOD N/A | AUTOIGNITION TEMPERATURE (°C) Not established | LOWER FLAMMABLE LIMIT (% BY VOLUME) Not applicable | UPPER FLAMMABLE LIMIT (%BY VOLUME) Not applicable |
| HAZARDOUS COMBUSTION PRODUCTS None | | | |
| EXPLOSION DATA N/A | SENSITIVITY TO IMPACT Not sensitive to impact | SENSITIVITY TO STATIC DISCHARGE Not sensitive to static discharge | |

NFPA CODE (REPRESENTATIVE OF THE MOST VOLATILE COMPONENTS IN THE SYSTEM)

EXTINGUISHING MEDIA
None needed in liquid state. In dry state use water, foam, carbon dioxide, or dry chemical

SPECIAL FIRE FIGHTING PROCEDURES
None, however firefighters should always use self contained breathing apparatus as nitrogen oxides and carbon monoxide may be involved.

UNUSUAL FIRE AND EXPLOSION HAZARDS
None

SECTION V - REACTIVITY DATA

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| CHEMICAL STABILITY | UNSTABLE | X | HAZARDOUS POLYMERIZATION | MAY OCCUR | X | CONDITIONS TO AVOID N/A |
| | STABLE | | | WILL NOT OCCUR | | |
| INCOMPATIBILITY (Materials to avoid) | | | | | | |
| Materials that react with water | | | | | | |
| HAZARDOUS DECOMPOSITION PRODUCTS Carbon monoxide & carbon dioxide | | | | | | |

SECTION VI - TOXICOLOGICAL PROPERTIES

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| ROUTE OF ENTRY: SKIN CONTACT [] SKIN ABSORPTION [] EYE CONTACT [] INHALATION [] INGESTION [] | | | |
| EFFECTS OF ACUTE EXPOSURE TO PRODUCT No evidence | | | |
| EFFECTS OF CHRONIC EXPOSURE TO PRODUCT No evidence | | | |
| EXPOSURE LIMITS See PEL | IRRITANCY OF PRODUCT No evidence | SENSITIZATION TO PRODUCT None known | CARCINOGENICITY No evidence |
| TERATOGENICITY No evidence | REPRODUCTIVE TOXICITY No evidence | MUTAGENICITY No evidence | SYNERGISTIC PRODUCTS None known |

SECTION VII - PREVENTATIVE MEASURES

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| PERSONAL PROTECTIVE EQUIPMENT | | |
| GLOVES (SPECIFY) No significant concern | RESPIRATOR (SPECIFY) None required in ventilated area | EYE (SPECIFY) Follow good industrial practices by wearing safety glasses. |
| FOOTWEAR (SPECIFY) Follow good industrial practices. | CLOTHING (SPECIFY) Follow good industrial practices. | OTHER (SPECIFY) N/A |
| ENGINEERING CONTROLS (SPECIFY, E.G., VENTILATION, ENCLOSED PROCESS) General good ventilation is recommended | | |
| LEAK OR SPILL PROCEDURE In poor ventilation, a NIOSH approved respirator should be worn. | | |
| WASTE DISPOSAL In accordance with Federal, State, and local regulations. | | |
| HANDLING PROCEDURES AND EQUIPMENT Wash hands with soap and water before eating or drinking, launder clothing. | | |
| STORAGE REQUIREMENTS Keep containers cool, dry, and away from heat. Store with adequate ventilation. Do not pressurize, cut, grind, or weld containers. | | |
| SPECIAL SHIPPING INFORMATION Class 55, Item number 4620, Sub 5 | | |

SECTION VIII - FIRST AID MEAS

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| SPECIFIC MEASURES | |
| Eye Contact: | Flush eyes with running water for 15 minutes, get medical attention. |
| Skin Contact: | Flush skin with running water, wash with soap and water. |
| Inhalation: | Remove to well ventilated area. |
| Ingestion: | Do not induce vomiting. Get medical attention immediately. |

SECTION IX - SARA Section 131 SUPPLIER NOTIFICATION

| CAS NUMBER | CHEMICAL NAME | PERCENT BY WEIGHT | CAS NUMBER | CHEMICAL NAME | PERCENT BY WEIGHT |
|------------|--------------------|-------------------|------------|---------------|-------------------|
| 67-56-1 | Methyl Alcohol | <3 | | | |
| 1336-21-6 | Ammonium Hydroxide | <0.4 | | | |
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SECTION X - PREPARATION INFORMATION

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|---|--------------------------------|-------------------|-----------------|--------------------------------------|
| PREPARED BY (GROUP, DEPARTMENT, ETC.) Research and Development | PHONE NUMBER (888) 721-7325 | DATE 2/10/2004 | CHANGE NO. 6 | SUPERSEDES ALL PREVIOUS PUBLICATIONS |
|---|--------------------------------|-------------------|-----------------|--------------------------------------|