

**AEROSEAL LLC**

Emergency: (800) 424-9300

6838 Ellicott Drive, Syracuse, NY 13057

Information: (315) 373-0765

**MATERIAL SAFETY DATA SHEET****DUCT SEAL****SECTION I - PRODUCT INFORMATION**

<b>Product Name:</b>	Duct Seal	<b>Chemical Name/Synonyms:</b>	Acrylate Ester Polymer
<b>Date Revised:</b>	03-02-99	<b>Formula:</b>	Proprietary Blend
<b>Preparer:</b>	Maurice J. Puma		
<b>Information Telephone Number:</b>	(817) 413-0088 (9 AM - 5 PM -- Mon. - Fri.)		
<b>Emergency Telephone Number:</b>	(800) 424-9300 (CHEMTREC - 24 hrs)		

**SECTION II - HAZARDOUS INGREDIENTS INFORMATION**

Ingredient	CAS #	OSHA (PEL)	OSHA(STEL)	ACGIH(TLV)	Percentage
Vinyl Acetate Copolymer	26794-25-2	10 ppm	20 ppm	10 ppm	35% Max.

\* This product is a stable dispersion of very small polymer particles in water, surfactants, hydrocolloid stabilizers, and minor amounts of inorganic salts.

Exception is applied for ingredients under the de minimis levels (1.0% & 0.1%) listed in Section 313 of EPCRA and of OSHA 40 CFR 372.65, 40 CFR 302.4, and 49 CFR 172.101

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Specific Gravity (water=1):</b>	.98 - 1.05 @ 77° F (25° C)	<b>Solubility in Water:</b>	Complete @ 68° F (20° C)
<b>Boiling Range:</b>	As Water	<b>Vapor Density:</b>	As water @ 68° F (20° C)
<b>Vapor Pressure (mmHg):</b>	As Water @ 68° F(20° C)	<b>Freezing Point:</b>	< 32° F (0° C)
<b>Evaporation Rate:</b>	Not Applicable	<b>Percent Volatile by Volume:</b>	> 50 % as water
<b>pH:</b>	3.8 - 4.2	<b>Viscosity (cst):</b>	> 1.0 @ 68° F (20° C)
<b>Density:</b>	8.2 – 8.8#/gal.		
<b>Appearance &amp; Odor:</b>	Milky white, mixture, characteristic odor.		

**SECTION IV - FIRE & EXPLOSION HAZARD INFORMATION**

<b>Flash Point (T.C.C.):</b>	None to boiling point.	<b>Flammable Limit (LEL &amp; UEL):</b>	No Data
<b>Extinguishing Media:</b>	Use extinguishing media as appropriate for surrounding fire.		
<b>Special Fire Fighting Procedures:</b>	None		
<b>Unusual Fire and Explosion Hazards:</b>	When polymer burns, water, carbon dioxide, carbon monoxide, and smoke are produced. Pyrolysis products may include such materials as acetic acid, acrolein, and acetaldehyde.		

**SECTION V - HEALTH HAZARD INFORMATION****EFFECTS OF OVEREXPOSURE**

**Primary Routes of Entry:** Inhalation - Eye/Skin Contact - Ingestion.

**Signs and Symptoms of Overexposures:**

<b>INHALATION:</b>	May cause irritation to respiratory tract.
<b>EYE CONTACT:</b>	May cause slight irritation.
<b>SKIN CONTACT:</b>	May cause slight irritation.
<b>INGESTION:</b>	Not known.

<b>Conditions Aggravated by Overexposure:</b>	None.
<b>Target Organs:</b>	None known.
<b>Carcinogenicity:</b>	Not applicable (NTP & OSHA).

**EMERGENCY AND FIRST AID PROCEDURES (SEE BACK OF PAGE)**

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## SECTION V - HEALTH HAZARD INFORMATION (Cont...)

### EMERGENCY AND FIRST AID PROCEDURES

<b>EYE CONTACT:</b>	Immediately flush eyes with a directed stream of water for at least 15 minutes while holding eyelids apart to ensure complete irrigation of all eye and lid tissues. If irritation persists, get prompt medical attention.
<b>SKIN CONTACT:</b>	Immediately flush contaminated skin with water and wash with soap and water. If clothing is penetrated, immediately use safety shower and remove clothing under shower.
<b>INHALATION:</b>	Move exposed person to fresh air at once. Administer artificial respiration if breathing has stopped. Keep at rest. Call for prompt medical attention.
<b>INGESTION:</b>	Small ingested amounts are not expected to produce adverse health effects. Amounts larger than 1 fl. oz. should be recovered from stomach by aspiration.

## SECTION VI - REACTIVITY DATA

<b>STABILITY:</b>	Stable
<b>CONDITIONS TO AVOID:</b>	None
<b>INCOMPATIBILITY (MATERIAL TO AVOID):</b>	Strong oxidizing agents, bases, alkali materials such as sodium or metal hydrides.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	When polymer burns, water, carbon dioxide, carbon monoxide, and smoke are produced. Pyrolysis products may include acetic acid, and irritating and toxic fumes.
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur.
<b>CONDITIONS TO AVOID:</b>	Coagulation may occur following freezing, thawing, or boiling.

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Prevent additional discharge of material, if possible to do so without hazard. Soak up small spills with sand, earth, or absorbent. Scoop up and place in clean, dry, and marked container. Flush away residue with large quantities of water. Pump large spills into marked containers for prompt disposal.

### WASTE DISPOSAL METHODS

Dispose of contaminated product in manner approved for this material. Consult appropriate Federal, State, and local regulatory agencies to ascertain proper disposal procedures.

### STEPS TO BE TAKEN IN HANDLING AND STORING

Store away from heat and strong oxidizing agents and acids. Avoid freezing temperature. Use in well ventilated area only.

## SECTION VIII - REGULATORY INFORMATION

<b>TSCA</b>	This product contains ingredients listed in TSCA inventory as supplied in Section II.
<b>CERCLA</b>	Not applicable.
<b>SARA Title III</b>	Not applicable.

## SECTION IX - SPECIAL PROTECTION INFORMATION

<b>VENTILATION:</b>	Ventilation is always recommended to maintain the vapor concentration below the PEL (10 ppm Vinyl Acetate).
<b>RESPIRATORY PROTECTION:</b>	Use approved NIOSH/MSHA respirator for areas where vapor or mist is generated.
<b>EYE PROTECTION:</b>	Wear safety glasses with side shields or chemical goggles, if splash may occur.
<b>PROTECTIVE GLOVES:</b>	Wear chemical resistant gloves to minimize skin contact. Wash thoroughly after handling.
<b>OTHER PROTECTIVE MEASURES:</b>	Eye wash and safety shower should be in close proximity.

## SECTION X - TRANSPORTATION (49 CFR)

<b>D.O.T. Shipping Name:</b>	Not Regulated	<b>D.O.T. Hazard Class:</b>	Not Applicable
<b>D.O.T. Label:</b>	None	<b>D.O.T. Identification Number:</b>	None
<b>Unit Container:</b>	1, 5, & 55-gal. HDPE Container	<b>D.O.T. Specification:</b>	Not Applicable

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