

#DS1& DS5 Asbestos Free Duct Sealing Compound

Technical Data

SEALANTS

- **FDA Approved:** Based in CFR, Title 21, being composed of ingredients acceptable for packaging and transporting food.
- **U.S.D.A. Acceptable:** Chemically acceptable to the U.S.D.A. for use in meat and poultry processing areas under Federal Inspection.
- **Dielectric Strength:** Approx. 100 volts per mil (ASTM D149-64). Resistivity: 1.5.1 @ 100°C...4.8 x 10⁹ .ohm-cm 1.5.2 after 96 hrs. @ 115°..4.8 x 10¹⁰ (ASME power test code of 1965, Section 4.05).
- **Chemical Resistance:** Excellent resistance to water, alcohols, mild acids and bases.
- **Vehicle Bleedout:** None
- **Non-Corrosive:** Will not corrode Metals.
- **Non-Irritant:** No irritation to eyes or skin as listed in CFR, Title 16, "Appraisal of the safety of chemicals in food, drugs, and cosmetics.
- **Paintability:** Yes.



UNDERWRITERS LABORATORIES, INC.[®]
 CLASSIFIED
 GENERAL USE TAPES
 SURFACE BURNING CHARACTERISTICS
 Flame Spread 5
 Smoke Developed 10
 23M3

DESCRIPTION: #Asbestos Free Sealer is a gray, permanently soft, non-toxic compound which will ad-here to most clean dry surfaces. Asbestos free Sealer will not adversely affect other plastic materials or corrode metals. It also has no adverse effect to human skin.



USES:

#DS1 - DS5 Sealer is used primarily by the building and specifically by the electrical trade to seal around electrical boxes, flashings, and service mast entries, etc. It can be shaped by hand to any form and reused if necessary. has countless other applications in the refrigeration, heating and cooling, plumbing, and metal fabrication fields as well as being an excellent general purpose sealant around the home. may be painted immediately after application and will not bleed through the dry paint.

FORMS:

Sealer is individually wrapped and placed in plastic bags with convenient reusable clips to seal out dirt and moisture that might contaminate the product. Sealer is available in one and five pound packages, packed fifty pounds net per carton. Also in bulk upon request.

| Properties | Test Method | Value |
|-----------------------------|------------------|---|
| Base | | Non-drying synthetic polymers and oils |
| Fillers | | Saturated mineral fillers and other inert ingredients |
| Specific Gravity | ASTM D71-72 | 1.65 to 1.7 |
| Cone penetration | ASTM D217-52T | Load of 300 gm..5 sec. @ 25°F; 100 - 115 mm/10 |
| Temperature usage range | 25°F to +120° F | Recommended |
| Temperature tolerance range | -30°F to +175° F | Will not slump at +275°F |

5017 South 38th Street
 St. Louis, MO. 63116

Phone: 314-752-4667
 Fax: 314-752-4035
 Email: Info@SealersInc.com

SEALERS, INC.

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standards 29 CRP 1910.1200. Standards must be consulted for specific requirements.

Section I

Manufacturer's Name & Address:

Sealers
5017 S. 38th St.
St. Louis, MO 63116

Emergency Telephone Number:

(314) 752-4667

Chemical Family:

Butyl Rubber Composite

Date Prepared:

01/03/2005

Product Use:

Thumb Grade Sealer

Product Name:

#DS1- DS5

Section II - HAZARDOUS INGREDIENTS

| Hazardous Components: | CAS #: | OSHA PEL: | ACGIH TLV: n/a |
|-----------------------------|------------|-----------|----------------|
| Butene Polymer | 9003-29-6 | | 10 - 20 |
| Synthetic Polymer | 25038-36-2 | | .1 - 1 |
| Carbon Black | 1333-86-4 | | .005 - .009 |
| Antioxidant | 2082-79-3 | | .001 - .006 |
| Magnesium Aluminum Silicate | 12174-11-7 | | 3 - 13 |
| Cellulose Fiber | 9004-34-6 | | 1 - 10 |
| Aluminum Silicate | 14807-96-6 | | 15 - 35 |
| Tall Oil Rosin | 61790-12-3 | | 1 - 7 |
| Calcium Carbonate | 1317-65-3 | | 30 - 60 |
| Nahthenic Wax | 64742-53-6 | | 1 - 8 |

Section III - PHYSICAL DATA

| | | | |
|-----------------------------|------------|--------------------------------|---|
| Physical State: | Solid | Odor & Appearance: | Dark gray thumbable solid with no odor. |
| Vapor Pressure: | n/a | Vapor Density: | n/a |
| pH: | n/a | Evaporation Rate: | n/a |
| Specific Gravity: | 1.65 | Coeff. Water/Oil Dist.: | n/a |
| VOC (Grams/Liter): | 17 | Boiling Point (C): | n/a |
| Solubility in Water: | Negligible | Odor Threshold (ppm): | n/a |
| Freezing Point (C): | n/a | Volatiles by Wt. (%): | 2 |

Section IV - FIRE & EXPLOSION HAZARD DATA

| | |
|---------------------------------------|---|
| Flammability: | Yes () No(x) If yes, under which conditions: n/a |
| Flash-pointing: | 590 °F COC |
| Auto-ignition: | Not Established |
| Lower/Upper Flammable Limit: | n/a |
| Hazardous combustion Products: | n/a |
| Explosion Data: | n/a |
| Sensitivity to Impact: | Not sensitive to impact |

| | |
|--|---|
| Sensitivity to Static Discharge: | Not sensitive to static discharge |
| Extinguishing Media: | Use water, Foam, Carbon Dioxide, or dry chemical self-contained breathing apparatus. Nitrogen oxides and carbon monoxides may be evolved. |
| Unusual Fire & Explosion Hazards: | None known. |

Section V - REACTIVITY DATA

| | | |
|--|--|--------------------|
| Chemical Stability: | Unstable () | Stable (x) |
| Hazardous Polymerization: | May Occur () | Will not Occur (x) |
| Conditions to Avoid: | n/a | |
| Incompatibility: (Materials to Avoid) | Strong Oxidizing Agents, Acids or Bases | |
| Hazardous Decomposition Products: | Toxic gases or vapors, such as Carbon Monoxide and Carbon Dioxide. | |

Section VI - TOXICOLOGICAL PROPERTIES

| | |
|--|---|
| Route of Entry: | Skin Contact () Skin Absorption () Eye Contact () Inhalation () Ingestion () |
| Effects of Acute Exposure to Product: | n/a |
| Effects of chronic Exposure to Product: | None known. |
| Exposure Limits: | None established. |
| Irritability of Product: | None known. |
| Sensitization to Product: | None known. |
| Carcinogenicity: | No evidence. |
| Teratogenicity: | None known |
| Reproductive Toxicity: | None known |
| Mutagenicity: | None known |
| Synergistic Products: | None known |

Section VII - PREVENTATIVE MEASURES

| | |
|---|--|
| Personal Protective Equipment: | |
| Gloves (specify): | Cotton or other protective gloves. |
| Respirator (specify): | None needed. |
| Eye (specify): | Glasses or goggles recommended. Good industrial practice should be observed. |
| Footwear (specify): | Industrial shoes to protect skin from adhesive contact. |
| Clothing (specify): | Long sleeves, long trousers to protect skin from contact. |
| Other (specify): | None known |
| Engineering Controls (specify): (EG, Ventilation Enclosed Process) | n/a |
| Leak or Spill Procedure: | n/a |

Waste Disposal: Dispose of accordance with all local, state and federal regulations.

Handling Procedures & Equipment: Wash hands with soap and water before eating.

Storage Requirements: Store in a cool, dry place.

Special Shipping Information: Class 50

Section VIII - FIRST AID MEASURES

Specific Measures:

Eye Contact: Do not remove, seek medical attention immediately.

Skin contact: If too sensitive, seek medical attention.

Inhalation: n/a

Ingestion: Not likely, but if ingested, could constipate or create a blockage. Seek medical attention.

Section IX - SARA SECTION 131 SUPPLIER NOTIFICATION

Cas Number: 14808-60-7

Chemical Name: Crystalline Silica Quartz

Percent by Weight: <1%

Section X - PREPARATION INFORMATION

Prepared By (Group, Department, etc.): Research & Development, Vasu Patel

Phone Number: (314) 752-4667

Date: 01/03/2005

Supersedes All Previous Publications