

# SAFETY DATA SHEET

DP SS SEAM SEALANT

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===== SECTION I – PRODUCT AND COMPANY IDENTIFICATION =====

PRODUCT NAME: SEAM SEALANT  
PRODUCT CODE: # 1106

MANUFACTURERS' NAME: DESIGN POLYMERICS

ADDRESS: 3301 W. Segerstrom Ave.  
Santa Ana, CA 92704

EMERGENCY PHONE: (314) 752-4667

Date Prepared: 01/25/2017

Chemical Family:  
Butyl Rubber Composite

Product Use:  
Pumpable Butyl Sealer

===== SECTION II – HAZARDS IDENTIFICATION =====

**GHS Ratings:** Health: 4 Physical: 3 Environmental: No data  
**HMIS Ratings:** Health: 1 Flammability: 2 Reactivity: 0 Personal Protective Equipment: B  
**ACGIH TLV:** No data

**GHS Label Elements:**

**CONTAINS MINERAL SPIRITS**  
*(Aliphatic Naptha)*



**WARNING**

**Flammable liquid and vapor.**  
**Store in a cool, dry place.**  
Harmful if swallowed.  
May be harmful in contact with skin. Causes eye irritation.  
Harmful if inhaled.

**IN CASE OF FIRE:** Use foam, carbon dioxide, dry chemicals, or water fog or

**Prevention:**  
Avoid breathing in vapors.  
Use only outdoors in a well-ventilated area.  
Wear protective gloves and safety glasses.  
Wash any skin in contact with the material thoroughly after handling. Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No Smoking. Ground and bond container when emptying.  
Use non-sparking tools.

**FIRST AID:**

IF SWALLOWED: Rinse mouth.

Do not induce vomiting.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call POISON CENTER/doctor if you feel unwell.



**In case of spill or leak:**

Eliminate all sources of ignition. For SMALL SPILL, soak up with absorbent material like clay and scoop into drums. For LARGE SPILL, dike and pump into drums. Prevent material from entering sewers or waterways.

Dispose of in accordance with local, state, and federal regulations.

===== SECTION III – COMPOSITION/PHYSICAL PROPERTIES =====

Based on data available to Design Polymerics., unlisted ingredients are not considered as hazardous by the Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910. 1200). In a medical emergency, more detailed information may be provided to a healthcare professional.

**CAS Number:** 64742-87-7

**OSHA PEL:** 300 PPM

**Chemical Name:** Medium Aliphatic Naptha

**ACGIH TLV:** 100 PPM

**Percent by Weight:** 6-10%

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===== SECTION IV – FIRST AID MEASURES =====

**Specific Measures:**

- Eye Contact:** Immediately flush eyes with water for 15 minutes. Redness, tearing, and irritation may occur but should not be permanent. If symptoms persist, seek medical attention.
- Skin contact:** Moderate irritation can occur. Wash skin with soap and water. If clothing is soaked, launder before wearing.
- Inhalation:** Can cause moderate respiratory irritation. Move exposed person to fresh air. If symptoms persist, seek medical attention.
- Ingestion:** Not likely, but if ingested, call physician immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person.

===== SECTION V - FIRE-FIGHTING MEASURES =====

- Extinguishing Media:** Use foam, carbon dioxide, or dry chemical. Nitrogen oxides and carbon monoxides may be involved. Incomplete combustion can yield carbon monoxide and hydrocarbons. Firefighters use a self-contained breathing apparatus with a full face-piece operated pressure demand.
- Unusual Fire Hazards:** Can form flammable mixtures with air and flash at R.T. Explosion hazard in fire situation. Vapor heavier than air and may travel to source of ignition and flashback.

===== SECTION VI – ACCIDENTAL RELEASE MEASURES =====

**Leak or Spill Procedure:** No ill health effects are expected from the cleanup of a leak or spill. Scrape up material and place in disposal container. Eliminate all possible sources of ignition. Dispose of in accordance with all local, state and federal regulations.

===== SECTION VII – HANDLING AND STORAGE =====

- Handling Procedures & Equipment:** Wash hands with soap and water before eating.
- Storage Requirements:** Store in a cool, dry place. Avoid excessive heat and keep away from oxidizers.

===== SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION =====



- Personal Protective Equipment:**
- Gloves (specify):** **HMIS “B” RATING**  
Butyl rubber, nitrile, or other protective gloves.
- Respirator (specify):** None needed if local or dilution ventilation keeps air concentration below 300 PPM.
- Eye (specify):** Glasses or goggles recommended. Good industrial practice should be observed.
- Footwear (specify):** Industrial shoes to protect skin from contact.
- Clothing (specify):** Solvent resistant clothing. Long sleeves, long trousers to protect skin from contact.

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## ===== SECTION IX - PHYSICAL / CHEMICAL PROPERTIES =====

|  |  |                      |
|--|--|----------------------|
| <b>Physical State:</b> Very heavy liquid | <b>Odor &amp; Appearance:</b> Soft, tacky liquid with some petroleum naptha odor |                      |
| <b>Vapor Pressure:</b> n/a               | <b>Vapor Density:</b> n/a  |                      |
| <b>pH:</b> n/a                           | <b>Evaporation Rate:</b> (EE=1) 7 times slower                                   |                      |
| <b>Specific Gravity :</b> 1.55 g/cc      | <b>Coeff. Water/Oil Dist.:</b> n/a   |                      |
| <b>VOC (Grams/Liter):</b> 70-90          | <b>Boiling Point (C):</b> 115-149°C  |                      |
| <b>Solubility in Water:</b> Insoluble    | <b>Odor Threshold (ppm):</b> n/a   | n/a = Not applicable |
| <b>Freezing Point (C):</b> n/a           | <b>Volatiles by Wt. (%):</b> 6-10  |                      |
| <b>Flash Point (C):</b> 38-49° C COC     | <b>Lower/Upper Flammability Limit:</b> 1.0/unknown                               |                      |

## ===== SECTION X – STABILITY AND REACTIVITY DATA =====

**Chemical Stability:** Stable, no chemical decomposition.

**Possibility of hazardous reactions:** None are known.

**Hazardous decomposition products:** None are known.

## ===== SECTION XI – TOXICOLOGICAL INFORMATION =====

**Effects of Acute Exposure to Product:** **Eye:** May cause moderate to severe eye irritation, tearing, and reddening, but no permanent injury is likely.  
**Skin:** May cause moderate skin irritation, but not permanent damage.  
**Inhalation:** Can cause moderate respiratory irritation.  
**Ingestion:** Harmful if swallowed.

**Effects of chronic Exposure to Product:** Impairment of Central Nervous System, Lungs, Kidneys.  
**Exposure Limits:** Permissible Exposure Limit (PEL): 300 PPM  
Threshold Limit Value (TLV): 100 PPM  
**Irritability of Product:** Vapor may irritate nose, throat, and respiratory tract.  
**Sensitization to Product:** Headache, nausea, drowsiness, depression of nervous system.

**Carcinogenicity:** No evidence.  
**Teratogenicity:** None known  
**Reproductive Toxicity:** None known  
**Mutagenicity:** None known  
**Synergistic Products:** None known

## ===== SECTION XII – ECOLOGICAL INFORMATION =====

Generally less than <.90 Volatile Organic matter per liter of material, using EPA Reference Method 24.

## ===== SECTION XIII – DISPOSAL CONSIDERATIONS =====

This compound is considered a hazardous waste as defined by U.S. EPA Hazardous Waste Regulations 40 CFR 261. As an ignitable waste class D001, incineration is the recommended method of disposal. Consult your state, local, or provincial authorities for more information.

## ===== SECTION XIV – TRANSPORT INFORMATION =====

**DOT Shipping Regulation:** Not Regulated  
**IATA Shipping Regulation:** Not Regulated

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===== SECTION XV –REGULATORY INFORMATION =====

**U.S. EPA TSCA:** Complies with Toxic Substances Control Act's Inventory Requirements

**SARA (311 or 312)**      **CAS Number:**      n/a      n/a = Not applicable  
**Chemical Name:**      n/a  
**Percent by Weight:**      n/a  
**Proposition 65:**      This product does not contain any chemicals known to the state of California to cause cancer or birth defects

**EU Directives**      Meets the RoHS requirements

**Canada:**  
**CEPA & DSL**      Product is compliant.

===== SECTION XVI –OTHER INFORMATION =====

MSDS Creation Date:      01/01/2015  
MSDS Revision Date:      01/25/2017  
MSDS Revision Notes:      16 section SDS

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