



# M A T E R I A L   S A F E T Y   D A T A   S H E E T

DP 1015    SMOOTH WATER BASED DUCT SEALANT

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**SPECIAL FIRE FIGHTING PROCEDURES:** When dried film burns, carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), hydrogen chloride gas (HCl), and smoke are produced. Firefighters should wear self-contained breathing apparatus, especially in enclosed areas. Cool containers and minimize vapors with water spray.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Closed containers exposed to high temperatures may explode or burst due to build-up of steam pressure.

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

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Dike, contain, or absorb with inert absorbent material. Collect spilled material in a salvage container. Prevent spill from entering sewers, drains, streams, waterways, or other bodies of water.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with all local, state and federal regulations.

=====    **SECTION VII - PRECAUTIONS FOR SAFE HANDLING, STORAGE, AND USE**    =====

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** **DO NOT ALLOW TO FREEZE.** Store in a cool dry location away from heat. Keep containers tightly closed and store with adequate ventilation.

**OTHER PRECAUTIONS:** **DO NOT TAKE INTERNALLY.** Avoid inhalation of excess vapors, ingestion, and unnecessary, prolonged, or repeated contact with this and any other chemical. Change soiled work clothes frequently. Clean hands after handling. **KEEP OUT OF REACH OF CHILDREN.**

=====    **SECTION VIII – EXPOSURE CONTROLS**    =====

**RESPIRATORY PROTECTION:** Not required under normal conditions. Provide sufficient ventilation to maintain constant fresh air in workspace. Avoid breathing sanding dust.

**VENTILATION:** Use adequate mechanical (general and/or local) ventilation.

**SKIN PROTECTION (PROTECTIVE GLOVES):** Wear resistant gloves such as polyethylene.

**EYE PROTECTION:** Use chemical splash goggles or OSHA permitted safety glasses.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Wear impervious clothing. Eye wash station.

**WORK / HYGENIC PRACTICES:** Source of clean water should be available for flushing eyes and washing skin. Wash thoroughly after handling any chemicals, especially before eating, drinking, or smoking. Remove and launder contaminated clothing before reuse.

=====    **SECTION IX - PHYSICAL / CHEMICAL CHARACTERISTICS**    =====

PHYSICAL FORM: Viscous liquid  
SOLUBILITY IN WATER: Miscible  
BOILING POINT: 212°F  
FREEZING POINT: 32° F (0° C)  
COATING V.O.C.: <7 g/l

COLOR: Gray  
pH: 7.5-9.0  
SPECIFIC GRAVITY (H<sub>2</sub>O=1): 1.3-1.5  
% VOLATILES BY WEIGHT: 30-40  
VISCOSITY (cps): approx. 300,000-400,000

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

**STABILITY:** Stable at ambient temperatures.

**CONDITIONS TO AVOID:** Coagulation may occur after freezing, thawing, or boiling.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Metal salts, mineral acids (i.e. sulfuric, phosphoric, etc.) Strong oxidizing agents. Strong reducing agents.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**HAZARDOUS DECOMPOSITION PRODUCTS:** May form toxic materials on thermal decomposition including Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), and various hydrocarbons. Under fire conditions, this product will release hydrogen chloride gas.

=====    **SECTION XI –REGULATORY INFORMATION**    =====

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This product is considered non-hazardous under the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW (SARA TITLE III):**

Section 311/312 Categorizations (40 CFR 370): Immediate (Acute) Health Hazard.

Section 313 Information (40 CFR 372) – Toxic Chemicals List: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR 372:

Component	CAS#	% by Weight
None		

Toxic Substances Control Act (TSCA): All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

CERCLA INFORMATION (40cfr 302.4): Releases of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

CALIFORNIA PROPOSITION 65 (Safe Drinking Water and Toxic Enforcement Act of 1986): None listed.

=====    **SECTION XII –DISCLAIMER**    =====

The information and recommendations set forth herein are believed to be accurate. Because some of the information is derived from information provided to Design Polymerics from its suppliers, and because Design Polymerics has no control over the conditions of handling and use, Design Polymerics makes no warranty, express or implied, regarding the accuracy of the data or the results to be obtained from the use thereof. The information is supplied solely for your information and consideration, and Design Polymerics assumes no responsibility from use or reliance thereon. It is the responsibility of the user of Design Polymerics products to comply with all applicable Federal, State and Local Laws and Regulations.