



## MATERIAL SAFETY DATA SHEET

### SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	DP 1030 Water Based Duct Sealant (Caulking)	<b>Revision Date:</b>	May 26, 2011
<b>Manufacturer Name:</b>	Design Polymerics	Supersedes all Previous	
<b>Address:</b>	11609 Martens River Circle Fountain Valley, CA 92708		
<b>Information Phone:</b>	(714) 432-0600	<b>DOT Hazard Class:</b>	Non-Hazardous
<b>24hr Emergency Phone:</b>	Chem-Tel, Inc: (800) 255-3924	<b>Shipping Name:</b>	N/A
<b>Internet Address:</b>	<a href="http://www.designpoly.com">http://www.designpoly.com</a>	<b>UN Number:</b>	N/A

### SECTION 2 – HAZARDOUS INGREDIENT INFORMATION

None Reportable

### SECTION 3 – HAZARDS IDENTIFICATION

<b>Emergency Overview:</b>	May cause irritation to eyes and skin. May be harmful if swallowed.
<b>Potential Health Effects</b>	
<b>Eyes:</b>	May cause irritation if wiped or rubbed into eyes.
<b>Skin:</b>	May cause slight irritation.
<b>Inhalation:</b>	May cause temporary respiratory tract irritation.
<b>Ingestion:</b>	No known ingestion hazards. Ingestion is not expected in industrial use.
<b>Chronic Health Effects:</b>	Prolonged or repeated contact may cause skin irritation
<b>Signs/Symptoms:</b>	May cause mild skin and/or eye irritation.
<b>Carcinogenicity:</b>	No evidence.
<b>HMIS Codes:</b>	<b>Health: 1, Fire: 0, Reactivity: 0, Personal Protection: B</b>

### SECTION 4 – FIRST AID MEASURES

<b>Eye Contact:</b>	Immediately flush eyes with plenty of water for 15 to 20 minutes. Get medical attention.
<b>Skin Contact:</b>	Wipe off excess material and wash skin with soap and plenty of water. Promptly remove contaminated clothing and launder before reuse.
<b>Inhalation:</b>	No effects expected. If difficulty breathing occurs, remove affected person to well-ventilated area and consult physician.
<b>Ingestion:</b>	If swallowed, do not induce vomiting unless directed to do so by a physician. Call physician or poison control center immediately.

### SECTION 5 – FIRE FIGHTING MEASURES

<b>Flash Point:</b>	Not Applicable	
<b>Flammable Limits in Air by Volume:</b>	Lower: N/A	Upper: N/A
<b>Extinguishing Media:</b>	Use foam, carbon dioxide, dry chemical, or water spray.	
<b>Special Fire Fighting Procedures:</b>	Firefighters should wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.	



**Unusual Fire and Explosion Hazards:** Closed containers exposed to temperatures above the boiling point may burst due to build-up of steam pressure.

**Hazardous Combustion Products:** Carbon monoxide, Carbon dioxide, unburned hydrocarbons, and hydrogen chloride.

**NFPA Codes:** **Health: 1, Fire: 0, Reactivity: 0, Personal Protection: B**

#### SECTION 6 – ACCIDENTAL RELEASE MEASURES/DISPOSAL CONSIDERATIONS

**Personal Precautions:** Use proper personal protective equipment as listed in section 8.

**Environmental Precautions:** Prevent spill from entering sewers, storm drains, streams, waterways, or other bodies of water.

**Spill Cleanup Measures:** Recover free liquid. Dike, contain or absorb remaining spilled material with inert, absorbent material (e.g., dry sand or earth), and remove for disposal.

**Regulatory Information:** Consult all regulations (federal, state, local, etc.) or a qualified waste disposal firm when characterizing waste for disposal.

**Waste Disposal:** Dispose of according to your local, state, and Federal EPA waste disposal regulations to ensure compliance.

#### SECTION 7 – HANDLING AND STORAGE

**Handling:** Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin, and clothing.

**Storage:** Store in a dry, well ventilated area at temperatures between 35°F and 110°F, and away from incompatible substances. Keep container tightly closed when not in use.

**Hygiene Practices:** Wash hands with soap and water after handling, especially before eating, or drinking. Avoid contact with eyes and skin. Avoid inhaling vapor or mist. Launder contaminated clothing before reuse.

#### SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION INFORMATION

**Eye/Face Protection:** Wear appropriate protective glasses or splash goggles as described by 29CFR 1910.133, OSHA eye and face protection regulation.

**Respiratory Protection:** Provide adequate mechanical (general and/or local) ventilation to maintain constant fresh air in workspace.

**Skin Protection:** Protective impervious gloves such as polyethylene are recommended. Wear impervious clothing.

**Other Work Practices and Protective Equipment:** Avoid rubbing eyes during handling. Use good personal hygiene practices to avoid incidental ingestion. Wash thoroughly with soap and water after use and before eating or drinking. A source of clean water should be available in the work area for flushing eyes and skin if necessary.

#### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State/Appearance:</b>	Textured Mastic	<b>Color:</b>	White or Gray
<b>Boiling Point:</b>	212°F (100°F)	<b>Freezing Point:</b>	32°F (0°C)
<b>Solubility in Water:</b>	Miscible	<b>pH:</b>	7.5-9.0
<b>Specific Gravity (H<sub>2</sub>O=1):</b>	1.3-1.5	<b>% Volatiles by Weight:</b>	30-40
<b>Flash Point:</b>	No Data	<b>Vapor Density:</b>	Heavier Than Air
<b>Coating VOC (Excludes H<sub>2</sub>O):</b>	<7 g/l		



## SECTION 10 – STABILITY AND REACTIVITY INFORMATION

<b>Chemical Stability:</b>	Stable under normal temperatures and pressures.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Conditions to Avoid:</b>	Avoid extreme heat, flames, incompatible materials, freezing, or temperatures below 32°F (0°F).
<b>Incompatible Materials:</b>	Avoid strong acids, strong alkalis and oxidizing agents.

## SECTION 11 – REGULATORY INFORMATION

This product is considered non-hazardous under OSHA Hazard Communication Standard 29CFR 1910.2100.

<b>U.S. TSCA Inventory:</b>	All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.
<b>California Prop. 65:</b>	None listed.
<b>SARA Section 311/312 Categories (40 CFR 370):</b>	Immediate (Acute) Health Hazard.

## SECTION 12 – ADDITIONAL INFORMATION

<b>MSDS Prepared by:</b>	R&D Department
<b>Date Prepared:</b>	11/12/10

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