



MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name:	DP 1030 Water Based Duct Sealant (Caulking)	Revision Date:	June 27, 2013
Manufacturer Name:	Design Polymerics	Revision #:	7.hd.3
Address:	3301 W. Segerstrom Santa Ana CA 92704		
Information Phone:	(714) 432-0600	DOT Hazard Class:	Non-Hazardous
24hr Emergency Phone:	Chem-Tel, Inc: (800) 255-3924	Shipping Name:	N/A
Internet Address:	http://www.designpoly.com	UN Number:	N/A

SECTION 2 – HAZARDOUS INGREDIENT INFORMATION

None Reportable

SECTION 3 – HAZARDS IDENTIFICATION

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

SECTION 4 – FIRST AID MEASURES

Eye Contact:	Immediately flush eyes with plenty of water for 15 to 20 minutes. Get medical attention.
Skin Contact:	Wipe off excess material and wash skin with soap and plenty of water. Promptly remove contaminated clothing and launder before reuse.
Inhalation:	No effects expected. If difficulty breathing occurs, remove affected person to well-ventilated area and consult physician.
Ingestion:	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

Flash Point:	Not Applicable
Flammable Limits in Air by Volume:	Lower: N/A Upper: N/A
Extinguishing Media:	Use foam, carbon dioxide, dry chemical, or water spray.
Special Fire Fighting Procedures:	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

Physical State/Appearance:	Textured Mastic	Color:	White or Gray
Boiling Point:	212°F (100°F)	Freezing Point:	32°F (0°C)
Solubility in Water:	Miscible	pH:	7.5-9.0
Specific Gravity (H₂O=1):	1.3-1.5	% Volatiles by Weight:	30-40
Flash Point:	No Data	Vapor Density:	Heavier Than Air
Coating VOC (Excludes H₂O):	<7 g/l		



SECTION 10 – STABILITY AND REACTIVITY INFORMATION

Chemical Stability:	Stable under normal temperatures and pressures.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Avoid extreme heat, flames, incompatible materials, freezing, or temperatures below 32°F (0°F).
Incompatible Materials:	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.

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

SECTION 12 – ADDITIONAL INFORMATION

MSDS Prepared by:	R&D Department
Date Prepared:	05/26/11

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ADDENDUM – COMPOSITION

INGREDIENT	CAS#	WEIGHT PERCENTAGE
Water	7732-18-5	20-40
Proprietary Polymer Emulsion (blend)	7732-18-5/9063-87-0	30-60
Air release agent	64742-47-8	<1
Proprietary surfactant	9036-19-5	<1
In Can preservative	56709-13-8	<1



Carbon Black	1333-86-4	0-2
Proprietary Additive	63449-39-8	2-6
Talc	14807-96-6	3-6
Calcium Carbonate	1317-65-3	40-70
Polypropylene Fiber	9003-07-0	<1
Proprietary Acrylate Dispersion	7732-18-5/25212-88-8	<1