



SAFETY DATA SHEET

DP 40 Butyl Joint Sealant

Revision Date: October 18, 2018

Version #: 4

Supersedes Date: March 14, 2018

Section 1 – Product And Company Identification

Product Identifier

Product Name: Butyl Joint Sealant
Product Code: DP 40
Product ID: Alpha 1040

Recommended Use

Joint Sealant

Supplier's Details

Manufactured For: Design Polymerics
Address: 3301 W. Segerstrom Ave., Santa Ana, CA 92704
Information Phone: (714) 432-0600

Emergency Telephone Number

Chem-Tel: (800) 255-3924 (24 hours)

Section 2 - Hazard Identification

EMERGENCY OVERVIEW: This product is light gray liquid with a slight putrid odor.

Health Hazards: This product may cause eye, skin and respiratory system irritation. May cause drowsiness and dizziness. May be a reproductive hazard.

Flammability Hazards: This product is a non-flammable liquid.

Reactivity Hazards: None

Environmental Hazards: The environmental effects of this product have not been investigated, however release may cause long term adverse environmental effects.

US DOT Symbols: NONE



EU and GHS Symbols: Danger!

EU Labeling and Classification: This product meets the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent directives.

EU HAZARD CLASSIFICATION OF INGREDIENTS PER DIRECTIVE 1272/2008/EC:

Index Number: EC#271-366-9 is not listed in "Annex VI"

Substances not listed either individually or in group entries must be self-classified.

Components Contributing to Classification: Mineral Spirits

Label Elements:

GHS Hazard Classifications: Aspiration Toxicity Category 1
Hazard Statements: H304: May be fatal if swallowed and enters airways
Precautionary Statements: None
Response Statements: P301+P310: IF SWALLOWED: Immediately call Poison Center/doctor
P331: Do NOT induce Vomiting
P405: Store locked up.



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Disposal Statements:

P501: Dispose of contents/container in accordance with local/regional/national/international regulations

Health Hazards or Risks From Exposure:

Symptoms of Overexposure by Route of Exposure: The most significant routes of overexposure for this product are by contact with skin or eyes. The symptoms of overexposure are described in the following paragraphs.

Acute:

Inhalation: Inhalation of this product may cause irritation.
Skin Contact: Prolonged skin contact may cause irritation.
Eye Contact: Contact with eyes may cause irritation.
Ingestion: Aspiration hazard if swallowed and enters airways.

Chronic: None known.

Target Organs: None Known

Section 3 – Composition/Information on Ingredients

Hazardous Ingredients:	WT %	CAS No.	EINECS NO.	Hazard Classification
Mineral Spirits	10-15%	68551-17-7	271-366-9	H304: Aspiration Toxicity Cat 1, Aquatic Chronic Cat 4
Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers)				

Note: All WHMIS required information is included in appropriate sections based on the ANSE Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard JIS Z 7250:2000

Section 4 – First Aid Measures

Description of First Aid Measures:

Eye Contact: If product enters eyes, flush with plenty of water or eye wash solution for several minutes. Remove contacts if present and easy to do. Seek medical attention if irritation persists.

Skin Contact: Wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.

Inhalation: If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

Ingestion: If product is swallowed, call physician or poison center immediately. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

Medical Conditions Generally Aggravated by Exposure: Pre-existing skin, respiratory system or eye problems may be aggravated by prolonged exposure.

Symptoms and Effects Both Acute and Delayed: Exposure to skin, eyes and respiratory system may cause irritation.

Recommendations to Physicians: Treat symptoms and eliminate overexposure.

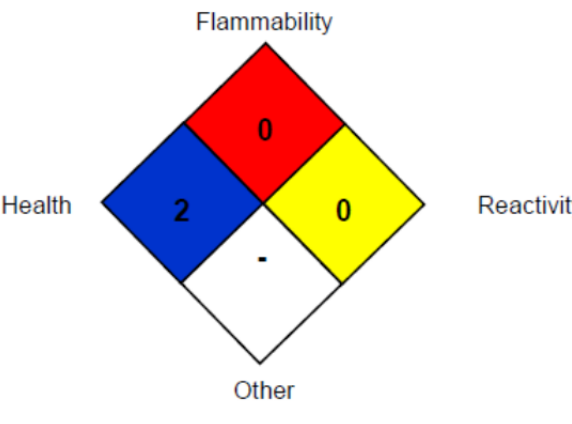






Section 5 – Fire-Fighting Measures

Fire Extinguishing Media: Water Spray, Carbon Dioxide, Foam, Dry Chemical, Halon, Any “C” Class Extinguishing Agent

Unusual Fire and Explosion Hazards:

Explosive Sensitivity to Mechanical Impact: No
 Explosive Sensitivity to Static Discharge: No

Special Fire Fighting Procedures: Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus (SCBA) and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent run-off water from entering storm drains, bodies of water, or other environmentally sensitive areas.

NFPA RATING SYSTEM	HMIS RATING SYSTEM HAZARDOUS MATERIAL IDENTIFICATION SYSTEM												
	<table style="width: 100%; border-collapse: collapse;"> <tr style="background-color: #00aaff; color: white;"> <td style="padding: 5px;">HEALTH HAZARD (BLUE)</td> <td style="text-align: center; padding: 5px;">2</td> </tr> <tr style="background-color: #ff0000; color: white;"> <td style="padding: 5px;">FLAMMABILITY HAZARD (RED)</td> <td style="text-align: center; padding: 5px;">0</td> </tr> <tr style="background-color: #ffff00;"> <td style="padding: 5px;">PHYSICAL HAZARD (YELLOW)</td> <td style="text-align: center; padding: 5px;">0</td> </tr> </table>	HEALTH HAZARD (BLUE)	2	FLAMMABILITY HAZARD (RED)	0	PHYSICAL HAZARD (YELLOW)	0						
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	See Sect 8		See Sect 8										
Hazard Scale: 0 = Minimum 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic Hazard													

Section 6 – Accidental Release Measures

Personal Precautions, Protective equipment and Emergency Procedures: Use cautious judgement when cleaning up spill. Wear suitable protective clothing, gloves, and eye/face protection.

Environmental Precautions: Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils.

Spill and Leak Response:

Small Spills: Collect material via broom or mop. Place in tightly sealed containers for proper disposal. Approach spill areas with caution. If liquid was introduced, create a dike or trench to contain material. Soak up with absorbent material such as clay, sand or other suitable non-reactive material.

Large Spills: Place in leak-proof containers. Seal tightly for proper disposal. Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States (see Section 13, Disposal Considerations).

Section 7 – Handling and Storage

Precautions for Safe Handling: To prevent eye contact under the foreseeable conditions of use, wear appropriate safety eyewear. When handling, do not eat, drink, or smoke. Wash thoroughly after handling. Do not handle or store near heat, sparks, or flame.



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Storage and Handling Practices: Keep away from incompatible materials. Keep container closed when not in use and store in well ventilated area.

Specific Uses: Standing seam sealer.

Section 8 – Exposure Controls/Personal Protection

Ingredients	CAS No.	OSHA PEL	NIOSH PEL
Mineral Spirits	68551-17-7	Not Established	Not Established

Exposure Controls:

Ventilation and Engineering Controls: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132), or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

Respiratory Protection: Not required for properly ventilated areas. Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.143), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

Eye Protection: Safety glasses or goggles are required. If necessary, refer to U.S. OSHA CFR 1910.133, Canadian Standards, and the European Standard EN 166, Australian Standards, or relevant Japanese Standards.

Hand Protection: Chemical resistant gloves are required to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

Body Protection: Use body protect appropriate to task being performed. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.36.

Section 9 – Physical and Chemical Properties

Information on Basic Physical and Chemical Properties:

Appearance (Physical State and Color):	Light Gray Liquid
Odor:	Slight putrid odor
Odor Threshold:	No data available
pH:	No data available
Melting/Freezing Point:	No data available
Boiling Point:	No data available
Flash Point:	No data available
Evaporation Rate:	No data available
Flammability (Solid; Gas):	No data available
Upper/Lower Flammability or Explosion Limit:	Not applicable
Vapor Pressure (mm Hg@20°C (68°F)):	No data available
Vapor Density:	No data available
Relative Density:	No data available
Specific Gravity:	1.5



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Solubility in Water:	None
Weight per Gallon:	No data available
Partition Coefficient (n-octanol/water):	No data available
Auto-Ignition Temperature:	No data available
Decomposition Temperature:	No data available
Viscosity:	No data available
Other Information:	No Data Available

Section 10 – Stability and Reactivity

Reactivity: This Product is not reactive.

Stability: Stable under conditions of normal storage and use.

Possibility of Hazardous Reactions: Will not occur.

Conditions to Avoid: Avoid heat, sparks and flame.

Incompatible Substances: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon dioxide and carbon monoxide.

Section 11 – Toxicological Information

Information on Toxicological Effects:

Toxicity Data: No specific data available on this product.

Suspected Cancer Agent: Ingredients within this product are not found on one or more of the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be cancer-causing agents by these agencies.

Irritancy: This product is not expected to be a skin, eye or respiratory irritant.

Sensitization to the Product: This product is not expected to cause skin sensitization.

Germ Cell Mutagenicity: This product does not contain ingredients that are suspected to be a germ cell mutagenic.

Reproductive Toxicity: This product is not expected to be a human reproductive toxicant.

Section 12 – Ecological Information

Toxicity: No specific data available on this product.

Persistence and Degradability: No specific data available on this product.

Bioaccumulative Potential: No specific data available on this product.

Mobility in Soil: No specific data available on this product.

Results of PBT and vPvB Assessment: No specific data available on this product.

Other Adverse Effects: No data available

Water Endangerment Class: At present, there are no Eco toxicological assessments for this product.



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Section 13 – Disposal Considerations

Waste Treatment Methods: Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Australia, EU Member States and Japan.

EU Waste Code: Not determined.

Section 14 – Transport Information

U.S. Department of Transportation (DOT) Shipping Regulations (BULK)

This product is classified (per 49CFR 172.101) by the U.S. Department of Transportation, as follows.

UN Identification Number: None
Proper Shipping Name: None
Hazard Class Number and Description: Not Regulated
Packing Group: None
DOT Label(s) Required: None
North American Emergency Response Guidebook Number: None

Environmental Hazards:

Marine Pollutant: The components of this product are not designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

Special Precaution for User: None

International Air Transport Association Information (IATA): This product is not considered as dangerous goods.

International Maritime Organization Shipping Information (IMO): This product is not considered as dangerous goods.

Section 15 – Regulatory Information

Safety, Health and Environmental Regulations Specific for the Substance or Mixture:

United States Regulations:

U.S. SARA Reporting Requirements: The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act: None

U.S. SARA 311/312:

Acute Health: Yes; Chronic Health: No; Fire: Yes; Reactivity: No

U.S. CERCLA Reportable Quantity: Reportable Quantity (RQ): None

U.S. TSCA Inventory Status: The components of this product are listed on the TSCA Inventory or are exempted from listing.

Other U.S. Federal Regulations: None known

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65): This product does contain ingredients on the Proposition 65 Lists. None.

Canadian Regulations:

Canadian DSL/NDSL Inventory Status: Components are DSL Listed, NDSL Listed and/or exempt from listing

Other Canadian Regulations: Not applicable



S A F E T Y D A T A S H E E T

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Canadian Environmental Protection Act (CEPA) Priorities Substances Lists: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by those regulations.

Canadian WHMIS Classification and Symbols: This product is classified per WHMIS Controlled Product Regulations.

European Economic Community Information: This product meets the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives. See Section 2 for Details.

Chemical Safety Assessment: No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

Australian Information for Product: Components of this product are listed on the International Chemical Inventory list.

Japanese Information for Product: Japanese Minister of International Trade and Industry (MITI) Status: The components of this product are not listed as Class I specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

International Chemical Inventories:

Listing of the components on individual country Chemical Inventories is as follows:

Australian Inventory of Chemical Substances (AICS):	Listed
Korean Existing Chemicals List (ECL):	Listed
Japanese Existing National Inventory of Chemical Substances (ENCS):	Listed
Philippines Inventory of Chemicals and Chemical Substances (PICCS):	Listed
U.S. TSCA:	Listed

Section 16 – Other Information

Consumer Product Safety Act Certification.

This product was evaluated by the manufacturer and is certified to be in compliance with the provisions of the Consumer Product Safety Act, the Federal Hazardous Substances Act, and the Poison Prevention Packaging Act, as applicable. The date of manufacture is stamped on the product container. No testing is required to certify compliance with the above mentioned regulation.

SDS Creation Date: April 4, 2016
SDS Revision Date: October 18, 2018
SDS Revision Notes: Revised Document Format
SDS Author: Technical Department

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.