



# Material Safety Data Sheet

An **RPM** Company

**24 Hour Emergency Phone Numbers:**  
**Medical/Poison Control:**  
 In U.S.: Call 1-800-222-1222  
 Outside U.S.: Call your local poison control center  
**Transportation/National Response Center:**  
 1-800-535-5053  
 1-352-323-3500

.....  
 • NOTE: The National Response Center emergency numbers to  
 • be used only in the event of chemical emergencies involving a  
 • spill, leak, fire, exposure or accident involving chemicals. ....

**IMPORTANT:** Provide this information to employees, customers, and users of this product. Read this MSDS before handling or disposing of this product. This product is covered by the OSHA Hazard Communication Standard and this document has been prepared in accordance with requirements of this standard. All abbreviated terms used in this MSDS are further described in Section 16.

## Section 1 - Chemical Product / Company Information

This Material Safety Data Sheet is available in American Spanish upon request.  
 Los Datos de Seguridad del Producto pueden obtenerse en Español si lo requiere.

**Product Name:** Premium Polyurethane Construction Adhesive Sealant Black

**Product UPC Number:** 070798188167

**Product Use/Class:** Sealant

**Manufactured for:** DAP Products Inc.  
 2400 Boston Street Suite 200  
 Baltimore, MD 21224-4723  
 888-327-8477 (non-emergency matters)

**Revision Date:** 11/11/2013

**Supersedes:** 04/02/2012

**MSDS Number:** 00077350004

## Section 2 - Hazards Identification

**Emergency Overview:** A(n) black paste product with a slight solvent odor. Vapors harmful if inhaled. May cause eye, skin, nose, throat and respiratory tract irritation. May cause sensitization by inhalation and skin contact. May cause nausea, headaches, and dizziness. Use only with adequate ventilation. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation.

Refer to other MSDS sections for other detailed information.

**Effects Of Overexposure - Eye Contact:** Direct eye contact may cause irritation.

**Effects Of Overexposure - Skin Contact:** May cause localized irritation, reddening or swelling. Prolonged or repeated exposure may lead to sensitization and/or contact dermatitis. May cause sensitization by skin contact.

**Effects Of Overexposure - Inhalation:** Vapors may be irritating to eyes, nose, throat, and lungs. Inhalation of high concentrations may cause headache, nausea, and dizziness.

**Effects Of Overexposure - Ingestion:** Harmful or fatal if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. If ingested, may cause depressed respiration.

**Effects Of Overexposure - Chronic Hazards:** Repeated or prolonged exposure may cause irritation of eyes and skin. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

**Primary Route(s) Of Entry:** Skin Contact, Inhalation

**Medical Conditions which May be Aggravated by Exposure:** None known.

**Carcinogenicity:**

None

### Section 3 - Composition / Information On Ingredients

Chemical Name	CASRN	Wt%
Polymeric diphenylmethane diisocyanate	Proprietary	10-30
Xylenes	1330-20-7	1-5

### Section 4 - First Aid Measures

**First Aid - Eye Contact:** Immediately flush eyes with large quantities of water for at least 15 minutes until irritation subsides. Get medical attention.

**First Aid - Skin Contact:** Use a rag to remove excess foam from skin and remove contaminated clothing. Use of a solvent, such as acetone (nail polish remover) or mineral spirits, may help in removing uncured foam residue from clothing or other surfaces (avoid eye contact). Cured foam may be physically removed by persistent washing with soap and water. If irritation develops, use mild skin cream. If irritation persists, obtain medical attention.

**First Aid - Inhalation:** If inhaled, remove to fresh air. If breathing is difficult, leave the area to obtain fresh air. If continued breathing difficulty is experienced, get medical attention immediately.

**First Aid - Ingestion:** If swallowed, DO NOT INDUCE VOMITING. Get medical attention immediately. If conscious, drink plenty of water. Never give anything by mouth to an unconscious person.

**Note to Physician:** None.

**COMMENTS:** If over-exposure occurs, call your poison control center at 1-800-222-1222.

### Section 5 - Fire Fighting Measures

**Extinguishing Media:** Carbon Dioxide, Dry Chemical, Foam, Water Fog

**Unusual Fire And Explosion Hazards:** Eliminate sources of ignition: heat, electrical equipment, sparks and flames. Store away from caustics and oxidizers.

**Special Firefighting Procedures:** Use a self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive pressure mode.

### Section 6 - Accidental Release Measures

**Steps To Be Taken If Material Is Released Or Spilled:** Wear proper protective equipment as specified in Section 8. Remove all sources of ignition. Dispose of material in accordance with all federal, state and local regulations.

### Section 7 - Handling And Storage

**Handling:** Handle in accordance with good industrial hygiene and safety practice.

**Storage:** Keep away from heat and sources of ignition. Store containers away from excessive heat and freezing. Store away from caustics and oxidizers.

## Section 8 - Exposure Controls / Personal Protection

Chemical Name	CASRN	ACGIH TWA	ACGIH STEL	ACGIH CEIL	OSHA TWA	OSHA STEL	OSHA CEIL	Skin
Polymeric diphenylmethane diisocyanate	Proprietary	0.005 PPM	N.E.	N.E.	N.E.	N.E.	0.2 MGM3	No
Xylenes	1330-20-7	100 PPM	150 PPM	N.E.	100 PPM	N.E.	N.E.	No

**Important:** Listed Permissible Exposure Levels (PEL) are from the U.S. Dept. of Labor OSHA Final Rule Limits (CFR 29 1910.1000); these limits may vary between states.

**Note:** An employee's skin exposure to substances having a "YES" in the "SKIN" column in the table above shall be prevented or reduced to the extent necessary under the circumstances through the use of gloves, coveralls, goggles or other appropriate personal protective equipment, engineering controls or work practices.

**Precautionary Measures:** Please refer to other sections and subsections of this MSDS.

**Engineering Controls:** Vapors are heavier than air and may spread along floors. Check all low areas for presence of vapor. Provide sufficient general and/or local exhaust ventilation to maintain exposure below recommended exposure limit. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use.

**Respiratory Protection:** If concentrations exceed the exposure limits specified, use of a NIOSH-approved supplied air respirator is recommended. Where the protection factor is exceeded, use of a Self Contained Breathing Apparatus (SCBA) may be necessary. A respiratory protection program that meets the OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**Skin Protection:** Wear appropriate protective eyeglasses or chemical safety goggles. Wear appropriate protective clothing to prevent skin contact. Wear solvent impervious gloves.

**Eye Protection:** Goggles or safety glasses with side shields.

**Other protective equipment:** Not required under normal use.

**Hygienic Practices:** Remove and wash contaminated clothing before re-use.

## Section 9 - Physical And Chemical Properties

<b>Boiling Range:</b>	Not Established	<b>Vapor Density:</b>	Heavier Than Air
<b>Odor:</b>	Slight Solvent	<b>Odor Threshold:</b>	Not Established
<b>Color:</b>	Black	<b>Evaporation Rate:</b>	Slower Than n-Butyl Acetate
<b>Solubility in H2O:</b>	Not Established	<b>Specific Gravity:</b>	1.40 - 1.40
<b>Freeze Point:</b>	Not Established	<b>pH:</b>	Not Established
<b>Vapor Pressure:</b>	Not Established	<b>Viscosity:</b>	Not Established
<b>Physical State:</b>	Paste	<b>Flammability:</b>	Non-Flammable
<b>Flash Point, F:</b>	Greater than 200	<b>Method:</b>	(Seta Closed Cup)
<b>Lower Explosive Limit, %:</b>	Not Determined	<b>Upper Explosive Limit, %:</b>	Not Determined

When reported, vapor pressure of this product has been calculated theoretically based on its constituent makeup and has not been determined experimentally.

(See section 16 for abbreviation legend)

## Section 10 - Stability And Reactivity

**Conditions To Avoid:** Excessive heat and freezing.

**Incompatibility:** Strong acids and oxidizing agents.

**Hazardous Decomposition Products:** Normal decomposition products, i.e., COx, NOx.

**Hazardous Polymerization:** Hazardous polymerization will not occur under normal conditions.

**Stability:** Stable under recommended storage conditions.

## Section 11 - Toxicological Information

**Product LD50:** Not Established

**Product LC50:** Not Established

CASRN	Chemical Name	LD50	LC50
1330-20-7	Xylenes	Rat:4300 mg/kg	Rat:5000 ppm/4H

**Significant Data with Possible Relevance to Humans:** None.

## Section 12 - Ecological Information

**Ecological Information:** Ecological injuries are not known or expected under normal use.

## Section 13 - Disposal Information

**Disposal Information:** Dispose of material in accordance with all federal, state and local regulations. State and Local regulations/restrictions are complex and may differ from Federal regulations. Responsibility for proper waste disposal is with the owner of the waste. Liquids cannot be disposed of in a landfill. Do not re-use empty containers.

**EPA Waste Code if Discarded (40 CFR Section 261):** None.

## Section 14 - Transportation Information

<b>DOT Proper Shipping Name:</b>	Not Regulated.	<b>Packing Group:</b>	N.A.
<b>DOT Technical Name:</b>	N.A.	<b>Hazard Subclass:</b>	N.A.
<b>DOT Hazard Class:</b>	N.A.	<b>DOT UN/NA Number:</b>	N.A.

## Section 15 - Regulatory Information

**CERCLA - SARA Hazard Category:**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Immediate Health Hazard, Chronic Health Hazard

**SARA Section 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

Chemical Name	CAS Number
Polymeric diphenylmethane diisocyanate	Proprietary
Xylenes	1330-20-7
Ethyl benzene	100-41-4

**Toxic Substances Control Act:**

All ingredients in this product are either on TSCA inventory list, or otherwise exempt.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

Chemical Name	CAS Number
Xylenes	1330-20-7

#### New Jersey Right-to-Know:

The following materials are non-hazardous, but are among the top five components in this product:

Chemical Name	CAS Number
Non-Hazardous Filler	Proprietary
1,2,3-Propanetriol, methyloxirane polymer	Proprietary

#### Pennsylvania Right-to-Know:

The following non-hazardous ingredients are present in the product at greater than 3%:

Chemical Name	CAS Number
Non-Hazardous Filler	Proprietary
1,2,3-Propanetriol, methyloxirane polymer	Proprietary

#### California Proposition 65:

WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

### Section 16 - Other Information

#### HMIS Ratings:

Health: 2                      Flammability: 1                      Reactivity: 0                      Personal Protection: X

**Volatile Organic Compounds (VOC), less water less exempts:** g/L: 36                      lb/gal: 0.3                      wt:wt%: 2.6

**Volatile Organic Compounds (VOC), less water less exempts, less LVP-VOCs:**                      wt:wt%: 2.5

**REASON FOR REVISION:** Periodic Update

#### Legend:

N.A. – Not Applicable

ACGIH – American Conference of Governmental Industrial Hygienists

N.E. – Not Established

SARA – Superfund Amendments and Reauthorization Act of 1986

N.D. – Not Determined

NJRTK – New Jersey Right-to-Know Law

VOC – Volatile Organic Compound

OSHA – Occupational Safety and Health Administration

PEL – Permissible Exposure Limit

HMIS – Hazardous Materials Identification System

TLV – Threshold Limit Value

NTP – National Toxicology Program

CEIL – Ceiling Exposure Limit

STEL – Short Term Exposure Limit

LD50 – Lethal Dose 50

LC50 – Lethal Concentration 50

F – Degree Fahrenheit

MSDS – Material Safety Data Sheet

C – Degree Celsius

CASRN – The Chemical Abstracts Service Registry Number

DAP believes the data and statements contained herein are accurate as of the date hereof. They are offered in good faith as typical values and not as a product specification. **NO WARRANTY OF MERCHANTABILITY, WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE WITH REGARD TO THE INFORMATION HEREIN PROVIDED OR THE PRODUCT TO WHICH THE INFORMATION REFERS.** Since this document is intended only as a guide to the appropriate use and precautionary handling of the referenced product by a properly trained person, it is therefore the responsibility of the user to (i) review the recommendations with due consideration for the specific context of the intended use and (ii) determine if they are appropriate.

<End of MSDS>