

MATERIAL SAFETY DATA SHEET
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DataDot Adhesive 2003-PCCNA rev-1 (9-12-03)
byPolyChem Corp

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION

Material Name (Trade Name) : **DataDot Adhesive 2003-PCCNA**
Manufacturer : Poly Chem Corp., Spokane, WA 99212
Chemical Name : N/A
Chemical Family : Water-borne Polymer Emulsion
Emergency Telephone Numbers : Poly Chem Corp; 1-509-532-1997, or 1-509-993-1170

SECTION 2: HAZARDOUS INGREDIENTS

INGREDIENT	Weight % RANGE	EXPOSURE LIMIT/Toxicity Information
N-Methyl-2-pyrrolidone	0.5 – 4%	100 ppm (Supplier Recommended limit) LD 50 4,200 mg/kg (oral-rat); 8,000 mg/kg dermal-rabbit

Due to the slow evaporation rate of this ingredient it is highly unlikely that the exposure limit would be reached during the use of this product in the recommended fashion.

This product contains additional ingredients which are not considered to be reportable under OSHA 29 CFR 1910.1200.

SECTION 3: PHYSICAL DATA

Physical State : liquid
Freezing Point : Approximately 25°F
Boiling Point : approx. 212°F (100°C)
Vapor Pressure : @ 20C approx. 17 mm Hg
Vapor Density : about equal to 1
Volatile : approximately 70%
Solubility in Water : soluble
Specific Gravity : 1.02 - 1.07 g/cm³
pH : 8-8.5 @ 25°C
Odor/Appearance : slightly musty; whitish medium viscosity liquid
VOC : 144 g/l

SECTION 4: FIRE AND EXPLOSION DATA

Flash Point : approx. 300°F (149°C) (ASTM D 93 PMCC)
Flammable Limits : LEL - no data UEL - no data
Fire and Explosion Hazards : None.

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- Extinguishing Media : Dry Chemical, CO2, alcohol type foam. Use water spray/water fog for cooling.
- Special Fire fighting Procedure : Wear self contained breathing apparatus and turnout gear. Use water to cool containers exposed to fire.
- Hazardous Combustion Products : Carbon Monoxide, Carbon Dioxide and Acrylonitrile, and potentially other hazardous hydrocarbons.

SECTION 5: HEALTH HAZARD INFORMATION/FIRST AID

EFFECTS OF OVER EXPOSURE

Mild irritation may occur on continuous contact with skin and eyes. Dry material may adhere strongly to skin and eyes. Remove liquid product by washing with soap and large amounts of clean water before product dries.

ACUTE TOXICITY DATA

None Known

FIRST AID PROCEDURES

- Eyes : Immediately wash eyes with running water for 15 minutes.
- Skin : Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, consult a physician.
- Ingestion : If swallowed, dilute with water and do not induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.
- Inhalation : Move to fresh air. aid in breathing, if necessary, and get immediate medical attention.

OTHER TOXICOLOGICAL PROPERTIES

Chronic exposure : No known or reported effects other than effects similar to those experienced from a single exposure.

Is it any of the following?:

none Teratogen Mutagen Reproductive Toxin Sensitizer

Is it listed as a Carcinogen? no yes

If yes, by: NTP IARC OSHA EPA Other

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SECTION 6: REACTIVITY DATA

- Stability : product is stable under all know conditions from -40°F (40°C) to 120°F (49°C). However will freeze below 30°F, and will become unusable if frozen and re-thawed.
- Incompatibility :Avoid mixing with strong oxidizers like hydrogen peroxide, strong acids, etc.
- Hazardous Decomposition Products : Volatile hydrocarbons, CO & CO2, Acrylic acid, Acrylonitrile.
- Hazardous Polymerization :Will not occur.

SECTION 7: PERSONAL PROTECTIVE EQUIPMENT (PPEQ)

- Respiratory : When working with this material alone, no special respiratory equipment is necessary.
- Ventilation : General ventilation ok - see above.
- Eye Protection : Safety glasses with side shield recommended - see above.
- Skin Protection : Impervious latex rubber gloves, easily removable clothing .

SECTION 8: SPILL LEAK AND DISPOSAL PROCEDURES

- Reportable Quantity
(per 40 CFR 302.4) : not applicable

Stop source of spill as soon as possible. Dike spill area with a compatible absorbent and remove all liquid with use of a vacuum system. Absorb liquid into a solid material, or let dry before disposal. If unable to remove as a liquid, then absorb with sand, saw dust or commercial absorbent and containerize properly for disposal. Decontaminate all clothing and the spill area with a detergent and water. Use minimal water necessary for cleanup. Soak up small spill with inert absorbent materials such as rags, paper towels, sawdust. Allow to dry out before disposal.

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If this product becomes a waste, it DOES NOT meet the criteria of a hazardous waste as defined under 40 CFR 261, in that it does not exhibit the characteristics of hazardous waste of Subpart C, nor is it listed as a hazardous waster under Subpart D. As a non hazardous liquid waste, it should be disposed of in accordance with local, state and federal regulations by incineration.

Care must be taken to prevent environmental contamination from the use of this material. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and non hazardous wastes.

SECTION 9: HANDLING AND STORAGE PRECAUTIONS

Do not take internally. Avoid contact with skin, eyes, and clothing. Upon contact with skin or eyes, wash off with water.

Store at temperatures between 40°F - 100°F (5°C - 42°C)

Shelf life limitations : Minimum 1 year (closed container)

H.M.I.S. ratings : Health=1 Flammability=0 Reactivity=0

SECTION 10: REGULATORY INFORMATION

TSCA Status : All components of this product are on the TSCA inventory

CERCLA RQ : None

SARA Title III : Section 302 - none (Extremely Hazardous Substances)
Section 311/312 - Hazard category : non hazardous
Section 313 - none (Toxic Chemicals)

SECTION 11: APPROVALS AND DISCLAIMER

Reason for issue : new product

Prepared by : Ron Grossman / Poly Chem Corp.

Date : August 14 2003

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