

# Material Safety Data Sheet

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Effective Date: 06/14/01

Material Safety Data Sheet

MSDS No. 664

## 1. PRODUCT IDENTIFICATION

Trade Name: Flattening Paste  
Product Code: DT-81  
MSDS Category: Developmental  
Chemical Family: Polyurethane in water  
Intended Use: Drier/Dulling Agent

## 2. HAZARDOUS COMPONENTS / INGREDIENT INFORMATION

CAS#	CHEMICAL IDENTITY	EXPOSURE LIMITS				CARCINOGEN STATUS		
		ACGIH	OSHA	OSHA	OSHA	IARC	NTP	OSHA
Proprietary	Urea Formaldehyde Condensate Polymer	TWA	STEL	STEL	PEL	N	N	N
		NE	NE	NE	NE			
	Common Name: Polymer							
	Concentration: < 10.00 % by wt							
Proprietary								
	Concentration: Polyurethane Dispersion > 1.00 % by wt	NE	NE	NE	NE	N	N	N

NE = Not Established  
N=No

## 3. HAZARDS IDENTIFICATION

HMIS Hazard Classification:  
Health: 1  
Flammability: 0  
Reactivity: 0  
Personal Protection: C

**Emergency Overview: May cause mild eye irritation upon contact and mild skin irritation upon prolonged contact.**

**Route(s) of Entry:** Eye and skin contact.

**Eye:** Direct liquid contact may cause slight irritation.

**Skin Contact:** Prolonged contact can cause mild skin irritation.

**Inhalation:** Inhalation of concentrated vapors from heating the product may cause irritation of the respiratory tract and can cause dizziness, headache and nausea.

#### **4. FIRST AID MEASURES**

**Eyes:** Flush with water for 15 minutes. If irritation develops see a physician.

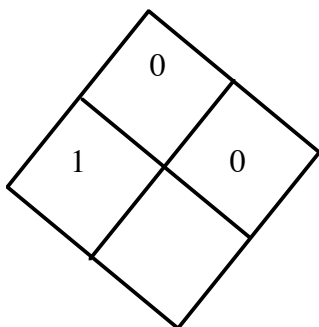
**Skin:** Remove contaminated clothing and wash skin with soap and water. If irritation persists, or contact has been widespread, seek medical advice. Wash clothing before reuse.

**Ingestion:** Seek medical attention. Induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person.

**Inhalation:** Remove to fresh air. Call a physician if irritation of nasal/respiratory tract develops.

#### **5. FIRE FIGHTING MEASURES**

**NFPA Hazard Classification:**



**Flash Point:** > 200 °F (>93.33 °C)

**Fire Fighting Extinguishing Media:** Carbon dioxide, alcohol resistant foam, dry chemical, water spray.

**Fire Fighting Instructions:** Firefighters should use self-contained breathing equipment and protective clothing.

#### **6. ACCIDENTAL RELEASE MEASURES**

**Accidental Release Measures:** Soak up with inert absorbent material. Shovel into closable container for disposal. Wear protective equipment specified in Section 8.

**Water Spill:** Prevent entry into drains and surface water.

#### **7. HANDLING AND STORAGE**

**Signal Word:** NOTICE!

**Precautions:** May cause eye and skin irritation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. For industrial use only.

**Special Handling:** Keep from freezing.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Personal Protective Equipment:** To identify additional personal protective equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29 CFR 1910.132) be conducted before using this product.

**Eye Protection:** Safety goggles

**Skin Protection:** Impervious gloves

**Engineering Controls:** Ensure adequate ventilation in areas where chemicals are handled.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Milky liquid

**Color:** White

**Solubility in Water:** Miscible

**Viscosity:** 600 - 1000 cps

**Density:** 8.5 Lb./Gal

**pH:** 7.5 - 9.5

**Other Properties:** 17 - 18 % solids

## **10. STABILITY AND REACTIVITY**

**Stability:** Stable

**Incompatibility:** Strong Oxidizers

**Hazardous Polymerization:** Will not occur

## **11. TOXICOLOGICAL INFORMATION**

**Eye Irritation:** May cause mild irritation.

**Skin Irritation:** Not expected unless contact with unprotected skin is prolonged.

**Toxicology Information:** No data.

## **12. ECOLOGICAL INFORMATION**

**Ecological Information:** Prevent discharge or release into lakes, ponds or other waterways.

## **13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Methods:** Waste must be disposed of in accordance with federal and local state regulations.

**Disposal Information:** Not classified as hazardous waste.

**DT-81 Flattening Paste**

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#### **14. TRANSPORT INFORMATION**

**Reportable Quantity:** Not applicable

**Department of Transportation:** Not regulated

#### **15. REGULATORY INFORMATION**

**OSHA Status:** This Material Safety Data Sheet (MSDS) has been prepared in compliance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

**TSCA Inventory Status:** All components are listed in TSCA inventory.

**TSCA 12(b) Export Notification:** This product contains chemical( s) which is ( are) regulated by TSCA 12(B) Regulation and it is required that proper export notification shall be sent to EP A prior to shipping out of the United States of America.

I-methyl-2-pyrrolidone                      872-50-4

**SARA Title III: Section 311/312 - Hazardous Chemical(s):** Immediate (acute) health hazard.

**SARA Title III: Section 313 - Toxic Chemical(s):** This product does not contain a toxic chemical for routine annual 'Toxic Chemical Release Reporting' under Sec. 313 (40 CFR 372).

#### **16. OTHER INFORMATION**

**MSDS No:** 664

**Approved By:** Jim Biles

**Approval Date:** 6/14/01

**Supersedes Date:** 12/15/98

**Other Information:** Key to Abbreviations Used:

NA Not Applicable

NE Not Established

NJTSR No. New Jersey Trade Secret Registry Number

**Disclaimer:** The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information unattained herein. This material safety data sheet was prepared to comply with the OSHA Hazard Communication standard (29 CFR 1910.1200). This supersedes any previous information.