

29751

05-38  
10658

3M General Offices  
3M Center  
St. Paul, Minnesota 55144-1000  
612/733-1110

MATERIAL SAFETY  
DATA SHEET



Pg. 1

29751

DIVISION: VISUAL SYSTEMS DIVISION  
TRADE NAME:  
PP2500 TRANSPARENCY FILM

3M I.D. NUMBER: 78-6969-7011-6 78-6969-7452-2

ISSUED: MARCH 30, 1994  
SUPERSEDES: NOVEMBER 1, 1993  
DOCUMENT: 05-4754-7

1. INGREDIENT	C.A.S. NO.	PERCENT
ACRYLATE COPOLYMER .....	Unknown	< 94
UREA-FORMALDEHYDE POLYMER .....	9011-05-6	1.0 - 5.0
AMMONIUM, [3-(DODECYLOXY)-2-HYDROXYPROPYL]BIS(2-HYDROXYETHYL) METHYL-, METHYL SULFATE (SALT) .....	18602-17-0	< 1.0

2. PHYSICAL DATA

BOILING POINT:..... N/A  
VAPOR PRESSURE:..... N/A  
VAPOR DENSITY:..... N/A  
EVAPORATION RATE:..... N/A  
SOLUBILITY IN WATER:..... N/A  
SP. GRAVITY:..... N/A  
PERCENT VOLATILE:..... N/D  
VOLATILE ORGANICS:..... N/D  
VOC LESS H2O & EXEMPT SOLVENT N/D  
pH:..... N/A  
VISCOSITY:..... N/A  
MELTING POINT..... N/D  
APPEARANCE AND ODOR: transparency film

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... N/A  
FLAMMABLE LIMITS - LEL:..... N/A  
FLAMMABLE LIMITS - UEL:..... N/A  
AUTOIGNITION TEMPERATURE:.... N/A  
EXTINGUISHING MEDIA:  
Carbon dioxide, Dry chemical  
SPECIAL FIRE FIGHTING PROCEDURES:  
Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.  
UNUSUAL FIRE AND EXPLOSION HAZARDS:  
No unusual fire or explosion hazards are anticipated.  
NFPA-HAZARD-CODES: HEALTH 0 FIRE 0 REACTIVITY 0  
UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable  
INCOMPATIBILITY - MATERIALS TO AVOID:  
Not applicable.

Abbreviations: N/D - Not Determined N/A - Not Applicable

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**4. REACTIVITY DATA (continued)**

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**HAZARDOUS POLYMERIZATION:** Will Not Occur

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Carbon Monoxide and Carbon Dioxide Oxides of Nitrogen Formaldehyde  
Acrylates such as Methyl Methacrylate and Ethyl Acrylate may form.

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**5. ENVIRONMENTAL INFORMATION**

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**SPILL RESPONSE:**

Not determined. Collect spilled material.

**RECOMMENDED DISPOSAL:**

Incinerate large quantities in an industrial or commercial  
incinerator. Dispose of waste product in a sanitary landfill.

**ENVIRONMENTAL DATA:**

No data available.

**EPCRA HAZARD CLASS:**

**FIRE HAZARD:** No **PRESSURE:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No

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**6. SUGGESTED FIRST AID**

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**EYE CONTACT:**

No need for first aid is anticipated in the event of eye contact.

**SKIN CONTACT:**

No need for first aid is anticipated in the event of skin contact.

**INHALATION:**

If signs/symptoms occur, remove person to fresh air. If  
signs/symptoms continue, call a physician.

**IF SWALLOWED:**

No need for first aid is anticipated.

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**7. PRECAUTIONARY INFORMATION**

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**EYE PROTECTION:**

Not applicable.

**SKIN PROTECTION:**

Not applicable..

**VENTILATION PROTECTION:**

Not applicable.

**RESPIRATORY PROTECTION:**

Avoid breathing of thermal decomposition products..

**PREVENTION OF ACCIDENTAL INGESTION:**

Not applicable.

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**7. PRECAUTIONARY INFORMATION (continued)**

**RECOMMENDED STORAGE:**  
Not applicable.

**FIRE AND EXPLOSION AVOIDANCE:**  
Not applicable.

**OTHER PRECAUTIONARY INFORMATION:**  
SHOULD VAPORS BECOME IRRITATING DURING PROCESSING, CONTACT YOUR SALES/SERVICE REPRESENTATIVE.

INGREDIENTS	EXPOSURE LIMITS		TYPE	AUTH	SKIN*
	VALUE	UNIT			
ACRYLATE COPOLYMER .....	NONE	NONE	NONE	NONE	NONE
UREA-FORMALDEHYDE POLYMER .....	NONE	NONE	NONE	NONE	NONE
AMMONIUM, [3-(DODECYLOXY)-2-HYDROXYPROPYLBIS(2-HYDROXYETHYL) METHYL-, METHYL SULFATE (SALT) .....	NONE	NONE	NONE	NONE	NONE

\* SKIN NOTATION: Listed substances indicated with "Y" under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

**SOURCE OF EXPOSURE LIMIT DATA:**  
- NONE: None Established

**8. HEALTH HAZARD DATA**

**EYE CONTACT:**  
Vapors from heated material may cause eye irritation.

**SKIN CONTACT:**  
No adverse health effects are expected from skin contact.

**INHALATION:**  
Vapors of heated material may cause respiratory system irritation.

**IF SWALLOWED:**  
Ingestion is not a likely route of exposure to this product.

**OTHER HEALTH HAZARD INFORMATION:**  
THIS PRODUCT IS CONSIDERED AN ARTICLE AS DEFINED BY THE FEDERAL OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION (OSHA) "HEALTH COMMUNICATION" STANDARD (29CFR 1910.1200).

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**SECTION CHANGE DATES**

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HEADING	SECTION CHANGED SINCE NOVEMBER 1, 1993 ISSUE
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The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this material under normal conditions. Any use of the material which is not in conformance with this Data Sheet or which involves using the material in combination with any other material or any other process is the responsibility of the user.