

MATERIAL SAFETY 3M  
 DATA SHEET 3M Center  
 St. Paul, Minnesota  
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 Hazard Communication Standard (29 CFR 1910.1200) because, when  
 used as recommended or under ordinary conditions, it should not  
 present a health and safety hazard. However, use or processing  
 of the product not in accordance with the product's  
 recommendations or not under ordinary conditions may affect the  
 performance of the product and may present potential health and  
 safety hazards.

DIVISION: VISUAL SYSTEMS DIVISION

TRADE NAME:

PP2500 TRANSPARENCY FILM

ID NUMBER/U.P.C.:

78-6969-7011-6 00-51125-01810-4 78-6969-7452-2 00-51125-07361-5

78-6969-8537-9 00-51125-59234-5

ISSUED: December 09, 1998

SUPERSEDES: February 24, 1997

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  
 SPECIFIC GRAVITY:..... N/A  
 PERCENT VOLATILE:..... N/D

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

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2. PHYSICAL DATA (continued)  
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pH:..... N/A  
VISCOSITY:..... N/A  
MELTING POINT:..... N/D

APPEARANCE AND ODOR:  
transparency film

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3. FIRE AND EXPLOSION HAZARD DATA  
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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

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4. REACTIVITY DATA  
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STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:  
Not applicable.

HAZARDOUS POLYMERIZATION: 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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Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

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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.

REGULATORY INFORMATION:

Volatile Organic Compounds: N/D.  
VOC Less H2O & Exempt Solvents: N/D.

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.

SKIN CONTACT:

No need for first aid is anticipated.

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.

RECOMMENDED VENTILATION:

Not applicable.

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

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7. PRECAUTIONARY INFORMATION (continued)  
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RESPIRATORY PROTECTION:

Avoid breathing of thermal decomposition products.

PREVENTION OF ACCIDENTAL INGESTION:

Not applicable.

RECOMMENDED STORAGE:

Not applicable.

FIRE AND EXPLOSION AVOIDANCE:

Not applicable.

OTHER PRECAUTIONARY INFORMATION:

SHOULD VAPORS BECOME IRRITATING DURING PROCESSING, CONTACT YOUR SALES/SERVICE REPRESENTATIVE.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
ACRYLATE COPOLYMER.....	NONE	NONE	NONE	NONE	NONE
UREA-FORMALDEHYDE POLYMER.....	NONE	NONE	NONE	NONE	NONE
AMMONIUM, [3-(DODECYLOXY)-2-HYDROXYPROPYL]BIS(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

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8. HEALTH HAZARD DATA  
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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.

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

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8. HEALTH HAZARD DATA (continued)  
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IF SWALLOWED:

Ingestion is not a likely route of exposure to this product.

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SECTION CHANGE DATES  
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HEADING SECTION CHANGED SINCE February 24, 1997 ISSUE

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