

MATERIAL SAFETY 3M  
DATA SHEET 3M Center  
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DIVISION: VISUAL SYSTEMS DIVISION

TRADE NAME:

CG5000 TRANSPARENCY FILM

ID NUMBER/U.P.C.:

78-6969-8240-0 00-51125-58773-0 78-6969-8241-8 00-51125-58774-7

78-6969-8538-7 00-51125-59235-2

ISSUED: December 10, 1998

SUPERSEDES: May 18, 1998

DOCUMENT: 08-6115-3

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  
pH:..... N/A  
VISCOSITY:..... N/A  
MELTING POINT:..... N/D

APPEARANCE AND ODOR:

transparency film

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

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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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### 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.

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### 5. ENVIRONMENTAL INFORMATION (continued)

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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.

RESPIRATORY PROTECTION:  
Avoid breathing of thermal decomposition products.

PREVENTION OF ACCIDENTAL INGESTION:  
Not applicable.

RECOMMENDED STORAGE:  
Not applicable.

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7. PRECAUTIONARY INFORMATION (continued)

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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	
UREA-FORMALDEHYDE POLYMER.....	NONE	NONE	NONE	NONE	
AMMONIUM, [3-(DODECYLOXY)-2- HYDROXYPROPYL]BIS(2- HYDROXYETHYL)METHYL-,METHYL SULFATE (SALT).....	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.

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SECTION CHANGE DATES

HEADING

SECTION CHANGED SINCE May 18, 1998

ISSUE

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