

MATERIAL SAFETY 3M
DATA SHEET 3M Center
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DIVISION: COMMERCIAL GRAPHICS

TRADE NAME:

3M SCOTCHCAL BRAND TRANSLUCENT FILMS FOR THERMOFORMING

ISSUED: December 07, 2001

SUPERSEDES: November 15, 2001

DOCUMENT: 06-7532-2

1. INGREDIENT	C.A.S. NO.	PERCENT
POLYVINYL CHLORIDE FILM (REFER TO COMMENT SECTION).....	TradeSecret	70 - 90
ACRYLIC ADHESIVE.....	TradeSecret	10 - 30

Some colors in the film series contain lead chromate based pigments
7758-97-6; carbon black 1330-86-4)

2. PHYSICAL DATA

BOILING POINT:..... N/A
VAPOR PRESSURE:..... N/A
VAPOR DENSITY:..... N/A
EVAPORATION RATE:..... N/A
SOLUBILITY IN WATER:..... nil
SPECIFIC GRAVITY:..... N/A
PERCENT VOLATILE:..... N/A
pH:..... N/A
VISCOSITY:..... N/A
MELTING POINT:..... N/D

APPEARANCE AND ODOR:

adhesive coated film, colored

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

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... N/A
FLAMMABLE LIMITS - LEL:..... N/A
FLAMMABLE LIMITS - UEL:..... N/A
AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:

Water spray, Dry chemical, Foam

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:

See Hazardous Decomposition section for products of combustion.

NFPA HAZARD CODES: HEALTH: 2 FIRE: 1 REACTIVITY: 0

UNUSUAL REACTION HAZARD: none

OSHA FIRE HAZARD CLASS: Not applicable

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

None known.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide, Hydrogen Chloride

Heat processing may produce vapors, fumes/haze containing trace
amounts of organic compounds.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Not applicable.

RECOMMENDED DISPOSAL:

Incinerate in an industrial or commercial facility. Dispose of large
quantities in a sanitary landfill.

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5. ENVIRONMENTAL INFORMATION (continued)

ENVIRONMENTAL DATA:
Not determined.

REGULATORY INFORMATION:
Volatile Organic Compounds: N/A.
VOC Less H2O & Exempt Solvents: N/A.

This substance does not leach metals or other RCRA (Resource Conservation and Recovery Act) listed TCLP (Toxic Characteristic Leaching Procedure) hazardous substances at concentrations that would make the product a hazardous waste. Since regulations vary, consult applicable regulations or authorities before disposal. U.S. EPA Hazardous Waste Number = None (Not U.S. EPA Hazardous).

Note: TCLP statement is based on testing of similar films.

EPCRA HAZARD CLASS:
FIRE HAZARD: No PRESSURE: No REACTIVITY: No ACUTE: No CHRONIC: No

6. SUGGESTED FIRST AID

EYE CONTACT:
Immediately flush eyes with large amounts of water. Get immediate medical attention.

SKIN CONTACT:
If skin contact with hot material occurs: DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Immediately flush affected area with plenty of cold water and cover with a clean dressing. Have burn treated by a physician.

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.

Ingestion is not a likely route of exposure.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:
During heating:

Wear vented goggles.

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7. PRECAUTIONARY INFORMATION (continued)

SKIN PROTECTION:

Avoid skin contact with hot material. Wear appropriate gloves, such as Nomex, when handling this material to prevent thermal burns.

RECOMMENDED VENTILATION:

Provide appropriate local exhaust when product is heated. Conduct air monitoring to determine adequacy of ventilation. If exhaust ventilation is not adequate, use appropriate respiratory protection.

RESPIRATORY PROTECTION:

Avoid prolonged breathing of vapors from heat processing. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-mask organic vapor respirator/acid-gas, with particulate prefilter.

PREVENTION OF ACCIDENTAL INGESTION:

Do not ingest.

RECOMMENDED STORAGE:

Store under normal warehouse conditions. Store out of direct sunlight. Keep container dry.

FIRE AND EXPLOSION AVOIDANCE:

Not applicable.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
POLYVINYL CHLORIDE FILM (REFER TO COMMENT SECTION).....	NONE	NONE	NONE	NONE	
ACRYLIC ADHESIVE.....	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

EYE CONTACT:

Processing vapors, fumes/haze may cause irritation.

SKIN CONTACT:

No adverse health effects are expected from skin contact.

Burns may result from contact with hot or molten product.

INHALATION:

Processing vapors, fumes/haze may cause respiratory system irritation, and in the case of severe over-exposure, nausea and headache.

IF SWALLOWED:

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

CANCER:

California Prop 65, OSHA, IARC, and/or NTP have listed carbon black and lead chromate compounds, present in some colorants, as reproductive hazards and/or carcinogens. If these colorants are present in this product at regulated concentrations, they are shown in Section 1. These colorants are essentially bound to the vinyl matrix and are unlikely to contribute to workplace exposure under recommended processing conditions.

SECTION CHANGE DATES

HEADING

SECTION CHANGED SINCE November 15, 2001 ISSUE

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