

MATERIAL SAFETY
DATA SHEET
(EXPERIMENTAL)

Scotchcal 220

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DIVISION: COMMERCIAL GRAPHICS

MATERIAL:

SCOTCHCAL(TM) FILM SERIES 220

ISSUED: AUGUST 16, 1999
SUPERSEDES: MAY 5, 1999
DOCUMENT: 11-1816-5

1. INGREDIENT	C.A.S. NO.	PERCENT
ADHESIVE COATED PIGMENTED POLYVINYL CHLORIDE FILM WITH LINER	None	100.0

NOTE: Note: Some pigments may contain lead compounds, e.g. lead chromate
(CAS No. 7758-97-6).

2. PHYSICAL DATA

BOILING POINT:	N/A
VAPOR PRESSURE:	N/A
VAPOR DENSITY:	N/A
EVAPORATION RATE:	N/A
SOLUBILITY IN WATER:	nil
SP. GRAVITY:	N/D
PERCENT VOLATILE:	N/A
pH:	N/A
VISCOSITY:	N/A
MELTING POINT:	N/D
APPEARANCE AND ODOR:	Adhesive coated film, pigmented, slight odor

3. FIRE AND EXPLOSION HAZARD DATA

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

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

3M General Offices

3M Center
St. Paul, MN 55144-1000
1-800-364-3577 or (651) 737-6501 (24 hours)00-28
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3. FIRE AND EXPLOSION HAZARD DATA (continued)

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 TO AVOID:**

None known.

HAZARDOUS POLYMERIZATION: Will Not Occur**HAZARDOUS DECOMPOSITION PRODUCTS:**

Carbon Monoxide and Carbon Dioxide, Hydrogen Chloride.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Not applicable.

RECOMMENDED DISPOSAL:

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

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

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6. SUGGESTED FIRST AID

EYE CONTACT:

No need for first aid is anticipated.

SKIN CONTACT:

No need for first aid is anticipated.

INHALATION:

No need for first aid is anticipated. 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.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Not applicable.

SKIN PROTECTION:

Not applicable.

VENTILATION PROTECTION:

Use in a well-ventilated area.

RESPIRATORY PROTECTION:

Not applicable.

PREVENTION OF ACCIDENTAL INGESTION:

Not applicable.

RECOMMENDED STORAGE:

Store out of direct sunlight. Keep container dry.

Store at a temperature of 100 degrees Fahrenheit or less.

FIRE AND EXPLOSION AVOIDANCE:

Not applicable.

INGREDIENTS	EXPOSURE LIMITS		TYPE AUTH	SKIN*
	VALUE	UNIT		
ADHESIVE COATED PIGMENTED POLYVINYL CHLORIDE FILM WITH LINER	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.

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7. PRECAUTIONARY INFORMATION (CONTINUED)**SOURCE OF EXPOSURE LIMIT DATA:**

- AIHA: American Industrial Hygiene Assoc. Workplace Environmental Exposure Level
- NONE: None Established

8. HEALTH HAZARD DATA**EYE CONTACT:**

Eye contact is not expected to occur during normal use of the product.

SKIN CONTACT:

No adverse health effects are expected from skin contact.

INHALATION:

The odor associated with these films, which is common with vinyl materials, is due to low level residual odor from the manufacturing process. The odor is strongest when a new box is opened or if the films are used in a room without adequate ventilation. This odor has no adverse health effects; however, some people may initially find the odor objectionable and may even feel nauseated from it.

IF SWALLOWED:

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

OTHER HEALTH HAZARD INFORMATION:

This product, when used under reasonable conditions or in accordance with the 3M directions for use, should not present a health and safety hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

SECTION CHANGE DATES

HEADING	SECTION CHANGED SINCE	MAY 5, 1999	ISSUE
INGREDIENTS	SECTION CHANGED SINCE	MAY 5, 1999	ISSUE
PHYSICAL DATA	SECTION CHANGED SINCE	MAY 5, 1999	ISSUE
FIRE & EXP. DATA	SECTION CHANGED SINCE	MAY 5, 1999	ISSUE
REACTIVITY DATA	SECTION CHANGED SINCE	MAY 5, 1999	ISSUE
ENVIRON. DATA	SECTION CHANGED SINCE	MAY 5, 1999	ISSUE
FIRST AID	SECTION CHANGED SINCE	MAY 5, 1999	ISSUE

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SECTION CHANGE DATES (continued)

PRECAUT. INFO.	SECTION CHANGED SINCE MAY 5, 1999 ISSUE
HEALTH HAZD. DATA	SECTION CHANGED SINCE MAY 5, 1999 ISSUE

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