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

DPM 5182-1 (6620)

RECEIVED MAY 1986 OCCUPATIONAL

3M

MATERIAL SAFETY
DATA SHEET

DIVISION: COMMERCIAL GRAPHICS
TRADE NAME: SCOTCHCAL BRAND CLEAR COATING 6620
3M I.D. NUMBER: 75-3455-7004-0
ISSUED: SEPTEMBER 19, 1985
SUPERSEDES: FEBRUARY 1, 1983
DOCUMENT: 10-0308-6

1. INGREDIENTS

INGREDIENTS	C.A.S. NO.	PERCENT	EXPOSURE LIMITS	
DIALKYL GLYCOL ETHER ESTER	112-15-2	15.0- 25.0	none	5
RESINS	none	20.0- 40.0	none	5
2-ETHOXYETHYL ACETATE	111-15-9	25.0- 40.0	5ppm	1
XYLENE	1330-20-7	0.5- 1.5	100 ppm	1

SOURCE OF EXPOSURE LIMIT DATA
1. ACGIH THRESHOLD LIMIT VALUES
2. FEDERAL OSHA PERMISSIBLE EXPOSURE LIMIT
3. 3M EXPOSURE GUIDELINES
4. CHEMICAL MANUFACTURER RECOMMENDED GUIDELINES
5. NONE ESTABLISHED

ABBREVIATIONS
N/D - NOT DETERMINED
N/A - NOT APPLICABLE

2. PHYSICAL DATA

BOILING POINT:	>130C	SOLUBILITY IN WATER:	Slightly misable
VAPOR PRESSURE:	<5mm Hg @23C	SP. GRAVITY (WATER=1):	1.0
VAPOR DENSITY (AIR=1):	>1	PERCENT VOLATILE:	55-65
EVAPORATION RATE (BuAc=1):	<1	VISCOSITY:	4000-7000 cps
APPEARANCE AND ODOR:	Clear liquid; mild solvent odor		pH: N/A

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Closed Cup): 120F(49C)
FLAMMABLE LIMITS - LEL: 1.0 UEL: 7.0

EXTINGUISHING MEDIA:
Carbon dioxide, foam or dry chemicals.
SPECIAL FIRE FIGHTING PROCEDURES:

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Fire fighters should be equipped with full protective gear and self contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Combustible liquid.

4. REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY - MATERIALS TO AVOID:
None known

HAZARDOUS POLYMERIZATION: MAY NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:
Thermal decomposition may produce carbon monoxide and carbon dioxide.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:
Observe all precautions in Section 7. Extinguish all ignition sources. Collect spilled material, clean up residue and place in U.S. Dept. of Transportation approved container.

RECOMMENDED DISPOSAL:
Reclamation or incineration in a permitted hazardous waste facility capable of meeting applicable regulatory requirements for destruction and removal is preferred. Otherwise, dispose in accordance with applicable regulations.

ENVIRONMENTAL DATA:
U.S. EPA Hazardous Waste Number: D001 (ignitable)

6. SUGGESTED FIRST AID

EYE CONTACT:
Immediately flush eyes with plenty of water and continue for ten minutes. Call a physician.

SKIN CONTACT:
Wash with soap and water.

INHALATION:
Remove person to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet. Call a physician.

IF SWALLOWED:
Give one to two glasses of water. Induce vomiting. Call a physician.

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7. PRECAUTIONARY INFORMATION

Keep away from heat, sparks and open flame. Avoid eye contact; wear chemical eye goggles when handling. Use only in well ventilated areas with sufficient air movement to maintain airborne vapor concentration levels at recognized health and safety levels. The exposure limits listed in section 1 should be observed. Local exhaust ventilation is recommended. Avoid prolonged breathing of vapors. Avoid skin contact; wear impervious gloves suitable for ingredients listed in section 1. Keep container closed when not in use. An eye wash station and safety shower are suggested as a good workplace practice where accidental eye contact or extensive skin contact can occur.

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8. HEALTH HAZARD DATA

EYE: Direct contact with the liquid causes eye irritation.

SKIN: Direct contact with the liquid may cause mild skin irritation. The solvents may be absorbed through the skin on prolonged contact. Repeated overexposure may cause lung damage, kidney damage and nervous system impairment. 2-ethoxyethyl acetate has been found to cause birth defects, male reproductive disorders and blood disorders in animal studies.

INHALATION: Breathing of elevated levels of airborne vapors causes irritation to the nose, throat and respiratory system. Repeated overexposure may cause lung, kidney and nervous system impairment. 2-ethoxyethyl acetate has been found to cause birth defects, male reproductive disorders and blood disorders based on animal studies. 2-ethoxyethyl acetate has an OSHA permissible exposure level of 100 ppm TWA. The OSHA value was established prior to the test data on birth defects. Xylene has an OSHA permissible exposure level of 100 ppm TWA.

INGESTION: The liquid is slightly toxic if ingested and may cause gastrointestinal tract irritation. 2-ethoxyethyl acetate has caused male reproductive disorders and blood disorders when given orally to laboratory animals. Ingestion is not an expected route of exposure during intended use and handling.

The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.