

General Offices:3M

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

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MATERIAL SAFETY
DATA SHEET



DIVISION: ELECTRICAL PRODUCTS DIVISION
TRADE NAME: SCOTCH BRAND 1610 CLEAR PLASTIC SPRAY
3M I.D. NUMBER: 62-5890-4725-7
ISSUED: DECEMBER 23, 1985
SUPERSEDES: JANUARY 1, 1984
DOCUMENT: 10-2640-0

1. INGREDIENTS	C.A.S. NO.	PERCENT	EXPOSURE LIMITS	
TOLUENE	108-88-3	50.0- 55.0	100ppm	1
ETHYL ALCOHOL	64-17-5	1.0- 5.0	1000ppm	1
PROPANE	74-98-6	15.0- 20.0	ASPHYXIAN	1
ISOBUTANE	NONE	15.0- 20.0	NONE	5
ACRYLIC POLYMER	NONE	5.0- 10.0	NONE	5

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:	N/D	SOLUBILITY IN WATER:	NIL
VAPOR PRESSURE:	N/D	SP. GRAVITY (WATER=1):	0.9
VAPOR DENSITY (AIR=1):	>1	PERCENT VOLATILE:	91
EVAPORATION RATE (1):	N/D	VISCOSITY:	N/A
APPEARANCE AND ODOR:	Clear liquid in aerosol can.		pH: N/A

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Closed Cup): -50F
FLAMMABLE LIMITS - LEL: 1% UEL: 7.0%

EXTINGUISHING MEDIA:

Carbon Dioxide, Foam or Dry Chemical.

SPECIAL FIRE FIGHTING PROCEDURES:

Treat as pressurized container.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Treat as pressurized container.

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4. REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY - MATERIALS TO AVOID:
NONE

HAZARDOUS POLYMERIZATION: MAY NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:
May include Carbon Monoxide and Carbon Dioxide.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Do not puncture cans. If any cans are leaking, observe precautionary and special protection information. Collect cans.

RECOMMENDED DISPOSAL:

Incinerate properly in a commercial or municipal incinerator mixed with other refuse. Do not incinerate in a household incinerator. Dispose in accordance with local, state and federal regulations.

ENVIRONMENTAL DATA:

NONE

6. SUGGESTED FIRST AID

EYE CONTACT:

Immediately flush eyes with plenty of water and continue for ten minutes holding the eye lids open. 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:

Do not induce vomiting. Give one to two glasses of water. Call a physician.

7. PRECAUTIONARY INFORMATION

PRECAUTIONS: Keep product and its vapors away from heat, sparks and open flame. Do not get in eyes. Avoid skin contact. Use only in well ventilated areas with sufficient air movement to maintain airborne vapor concentration at recognized health and safety levels. Avoid breathing sprayed vapors. An eye wash station and safety shower are suggested as a good workplace practice where accidental eye contact or extensive skin contact may occur. DO NOT PUNCTURE OR INCINERATE. Do not store at temperatures above 120°F or 50°C.

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8. HEALTH HAZARD DATA

EYE CONTACT: Liquid causes irritation. Vapor may cause irritation. Symptoms may include dryness and cracking.

SKIN CONTACT: May cause irritation on prolonged or repeated contact. Symptoms may include dryness and cracking.

INHALATION: May cause nervous system impairment, respiratory system irritation, liver and blood changes. Deliberate misuse by concentration and inhalation of vapors may be harmful and could be fatal. There are reports of brain disorders, lung damage, and sudden death from heart attack, memory loss and personality changes from human over-exposure. Symptoms of over-exposure may include dizziness, giddiness, decreased reaction time, weakness, fatigue, and anemia. There is a report of hearing loss in animals exposed to high concentrations over prolonged periods. Toluene has an OSHA permissible exposure level of 200 ppm TWA; Ethanol has an OSHA permissible exposure limit of 1000 ppm.

INGESTION: Aspiration into the lung may cause damage or death. Symptoms following ingestion may include digestive system irritation with nausea and vomiting, and nervous system impairment.

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.