

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

25

MATERIAL SAFETY
DATA SHEET



DIVISION: ELECTRICAL PRODUCTS DIVISION
TRADE NAME: SCOTCH BRAND 1607 HEAVY DUTY CONTACT CLEANER
3M I.D. NUMBER: 62-4632-4725-4
ISSUED: DECEMBER 20, 1985
SUPERSEDES: JANUARY 1, 1984
DOCUMENT: 10-2638-4

1. INGREDIENTS	C.A.S. NO.	PERCENT	EXPOSURE LIMITS
1,1,1-TRICHLOROETHANE	71-55-6	92.0- 96.0	350ppm 1
DIMETHOXYMETHANE	109-87-5	2.0- 4.0	1000ppm 1
1,4-DIOXANE	123-91-1	0.0- 2.0	25ppm 1
CARBON DIOXIDE	124-38-9	2.0- 4.0	5000ppm 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:	74C	SOLUBILITY IN WATER:	Nil
VAPOR PRESSURE:	N/D	SP. GRAVITY (WATER=1):	1.45
VAPOR DENSITY (AIR=1):	>1	PERCENT VOLATILE:	100
EVAPORATION RATE (N/D=1):	N/D	VISCOSITY:	N/A
APPEARANCE AND ODOR:	Colorless liquid in aerosol can.		pH: N/A

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (N/A): N/A
FLAMMABLE LIMITS - LEL: N/A UEL: N/A

EXTINGUISHING MEDIA:
N/A

SPECIAL FIRE FIGHTING PROCEDURES:

Treat as pressurized container. Firefighters should be equipped with self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

General Offices:JM
 JM Center
 St. Paul, Minnesota 55144-1000
 (612) 733-1110

MATERIAL SAFETY
 DATA SHEET



MSDS: SCOTCH BRAND 1607 HEAVY DUTY CONTACT CLEANER
 DECEMBER 20, 1985

Page 2

Treat as pressurized container.

4. REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY - MATERIALS TO AVOID:

NONE

HAZARDOUS POLYMERIZATION: MAY NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:

May include Carbon Monoxide, Carbon Dioxide, Hydrogen Chloride and Phosgene.

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 flames in the work area to avoid vapor decomposition and production of harmful gases. Do not get in eyes. Avoid skin contact. Use only in well ventilated areas with sufficient air movement to maintain airborne vapor concentration levels at recognized health and safety levels. Avoid breathing spray and vapors. An eye wash station and safety shower are suggested as a

General Offices/3M

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

**MATERIAL SAFETY
DATA SHEET**



MSDS: SCOTCH BRAND 1607 HEAVY DUTY CONTACT CLEANER
DECEMBER 20, 1985

Page 3

good workplace practices where accidental eye contact or extensive skin contact may occur. DO NOT PUNCTURE OR INCINERATE. Do not store at temperature above 120F or 50C.

25

General Offices:JM
JM Center
St. Paul, Minnesota 55144-1000
(612) 733-1110

25

MATERIAL SAFETY
DATA SHEET



MSDS: SCOTCH BRAND 1607 HEAVY DUTY CONTACT CLEANER
DECEMBER 20, 1985

Page 4

8. HEALTH HAZARD DATA

EYE CONTACT: Liquid and vapor cause eye irritation.

SKIN CONTACT: Causes skin irritation.

INHALATION: Vapor may cause respiratory system irritation and temporary nervous system impairment. Deliberate misuse by concentration and inhalation of vapors may be harmful and could be fatal. Symptoms of over-exposure may include dizziness, nausea, headache, giddiness, and loss of consciousness. May cause mild liver and kidney injury and heart rhythm disturbances. Methyl chloroform (1,1,1-Trichloroethane) has an OSHA permissible exposure level of 350ppm.

INGESTION: Aspiration into the lung may cause lung damage or death. May cause digestive system irritation. 1,4 Dioxane has caused cancer in laboratory animal studies. Ingestion of large amounts may cause burns, nausea, vomiting, lowered blood pressure, heart rhythm disturbances, and mild liver and kidney damage.

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.
