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3M General Offices

3M Center
St. Paul, Minnesota 55144-1000
812/733-1110
Duns No.: 00-617-3082

MATERIAL SAFETY
DATA SHEET

DIVISION: ELECTRICAL PRODUCTS DIVISION

TRADE NAME:

SCOTCH BRAND A-2 CABLE PREPARATION KIT

3M I.D. NUMBER: CE-1006-1870-7 CE-1006-2254-3 CE-1006-2556-1 CE-1006-2558-7
CE-1006-2625-4 CE-1006-3092-6 CE-1006-3108-0 CE-1006-3819-2
CE-1006-4119-6 CE-1006-4120-4 CE-1006-4128-7 CE-1006-5430-6
CE-1006-5721-8 80-9010-1028-2

ISSUED: SEPTEMBER 12, 1991
SUPERSEDES: DECEMBER 27, 1990
DOCUMENT: 10-2648-3

1. INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE LIMITS	
			VALUE UNIT	TYPE AUTH
1,1,1-TRICHLOROETHANE	71-55-6	100.0	350 ppm	TWA ACGI

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists

NOTE: This product is a 1,1,1-trichloroethane saturated cloth.

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICAL OR CHEMICALS SUBJECT TO THE REPORTING
REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION
ACT OF 1986 AND 40 CFR PART 372:

1,1,1-TRICHLOROETHANE

2. PHYSICAL DATA

BOILING POINT:..... 74.1C
VAPOR PRESSURE:..... 100 mm Hg @20C
VAPOR DENSITY: >1
EVAPORATION RATE:..... <1
SOLUBILITY IN WATER: Nil
SP. GRAVITY:..... 1.325
PERCENT VOLATILE: 100
VOLATILE ORGANICS: N/D
pH: N/A
VISCOSITY: <100 cps
APPEARANCE AND ODOR: Colorless liquid with pungent 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
EXTINGUISHING MEDIA:
Carbon Dioxide, Foam or Dry Chemical
SPECIAL FIRE FIGHTING PROCEDURES:
Firefighters should be equipped with self-contained breathing
apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
NONE
NFPA-HAZARD-CODES: HEALTH 2 FIRE 0 REACTIVITY 0
UNUSUAL REACTION HAZARD: NONE

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4. REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY - MATERIALS TO AVOID:
NONE
HAZARDOUS POLYMERIZATION: Will Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:
May include Carbon Monoxide, Carbon Dioxide, Hydrogen Chloride and
Phosgene.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:
Observe precautionary information from other sections. Clean up
spilled pads.
RECOMMENDED DISPOSAL:
Dispose by burial in a sanitary landfill in accordance with state and
local regulations.
ENVIRONMENTAL DATA:
NONE
SARA HAZARD CLASS:
FIRE HAZARD: No PRESSURE: No REACTIVITY: No ACUTE: Yes CHRONIC: Yes

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:
If symptoms occur, remove person to fresh air. If symptoms continue,
call a physician.
IF SWALLOWED:
Do not induce vomiting. Give one to two glasses of water. Call a
physician.
OTHER FIRST AID:
NOTE TO PHYSICIANS: Exposure to 1,1,1-trichloroethane may increase
"myocardial irritability." Do not administer sympathomimetic drugs
(i.e. adrenaline) unless absolutely necessary. For ingestion, the
decision of whether or not to induce vomiting should be made by an
attending physician. If lavage is performed, endotracheal and/or
esophageal control is suggested. No specific antidote. Supportive
care and treatment based on judgement of physician in response to the
patient recommended.

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7. PRECAUTIONARY INFORMATION

This product is not expected to present a hazard when used with good industrial hygiene practices under the following conditions. Use only in well ventilated areas with sufficient air movement to maintain airborne vapor concentration levels at recognized health and safety levels. The exposure limit in Section 1 should be observed. Avoid prolonged breathing of vapors. Avoid eye contact. Avoid prolonged skin contact. Do not take internally. Keep out of reach of children.

ADDITIONAL EXPOSURE LIMITS

INGREDIENTS	EXPOSURE LIMITS		TYPE	AUTH
	VALUE	UNIT		
1,1,1-TRICHLOROETHANE	1910	mg/m3	TWA	ACGIH
1,1,1-TRICHLOROETHANE	450	ppm	STEL	ACGIH
1,1,1-TRICHLOROETHANE	2460	mg/m3	STEL	ACGIH
1,1,1-TRICHLOROETHANE	350	ppm	TWA	OSHA
1,1,1-TRICHLOROETHANE	1900	mg/m3	TWA	OSHA
1,1,1-TRICHLOROETHANE	450	ppm	STEL	OSHA
1,1,1-TRICHLOROETHANE	2450	mg/m3	STEL	OSHA

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration

8. HEALTH HAZARD DATA

EYE CONTACT: Liquid and vapor cause irritation of the eyes.

SKIN CONTACT: Liquid causes irritation of the skin.

INHALATION: Breathing of vapor concentration levels at or above the recommended exposure limit may cause respiratory system irritation and temporary nervous system impairment. Deliberate misuse by concentration and inhalation of vapors may cause sudden death. Symptoms of overexposure may include dizziness, nausea, headache, giddiness, and loss of consciousness. May cause mild liver and kidney injury and heart rhythm disturbance.

INGESTION: Not an expected route of industrial exposure. If swallowed and vomiting occurs aspiration into the lungs may occur resulting in chemical pneumonia which can be fatal. If liquid is swallowed, it may cause digestive system irritation. Swallowing of a large amount may cause burns, nausea, vomiting, lowered blood pressure, heart rhythm disturbances and mild liver and kidney damage.

OTHER DATA: 1,1,1-Trichloroethane is considered to be a potential mutagen based on several test systems; however, no carcinogenic potential has been revealed in laboratory animal studies.

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SECTION CHANGE DATES

FIRST AID

SECTION CHANGED SINCE DECEMBER 27, 1990 ISSUE

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

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