

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

ONTARIO SUPPLY CORP.
100 NORTH MOHAWK ST.
P.O. BOX 437
COHOES, NEW YORK 12047

02-51

000218

MATERIAL SAFETY
DATA SHEET



DIVISION: ELECTRICAL PRODUCTS DIVISION
TRADE NAME: SCOTCH BRAND A-2 CABLE PREPARATION KIT
3M I.D. NUMBER: 80-9010-1028-2
ISSUED: NOVEMBER 6, 1985
SUPERSEDES: SEPTEMBER 1, 1981
DOCUMENT: 10-2648-3

1. INGREDIENTS	C.A.S. NO.	PERCENT	EXPOSURE LIMITS
1,1,1-TRICHLOROETHANE SATURATED CLOTH	71-55-6	100.0	350ppm 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:	74.1C	SOLUBILITY IN WATER:	Nil
VAPOR PRESSURE:	100 mm Hg @20C	SP. GRAVITY (WATER=1):	1.325
VAPOR DENSITY (AIR=1):	>1	PERCENT VOLATILE:	100
EVAPORATION RATE (Ether=1):	<1	VISCOSITY:	<100 cps
APPEARANCE AND ODOR:	Colorless liquid with pungent odor.		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:

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

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4. REACTIVITY DATA
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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.

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5. ENVIRONMENTAL INFORMATION
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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

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6. SUGGESTED FIRST AID
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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.

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7. PRECAUTIONARY INFORMATION
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Avoid eye contact. Wear chemical goggles when handling. Avoid skin contact. Wear protective clothing and impervious gloves. Local exhaust ventilation is recommended. 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 in Section 1 should be observed. Avoid prolonged breathing of vapors. Do not take internally. Keep out of reach of children.

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8. HEALTH HAZARD DATA

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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 cause sudden death. Symptoms of over-exposure may include dizziness, nausea, headache, giddiness, and loss of consciousness. May cause mild liver and kidney injury and heart rhythm disturbance. OSHA regulates 1,1,1-trichloroethane and set a permissible exposure level of 350ppm.

INGESTION: May cause digestive system irritation. Ingestion of large amounts may cause burns, nausea, vomiting, lowered blood pressure, heart rhythm disturbances, and mild liver and kidney damage. 1,1,1-trichloroethane has been shown to be mutagenic in several test systems.

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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.