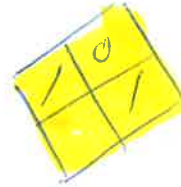


MSDS

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3M General Offices
3M Center
St. Paul, Minnesota 55144-1000
612/733-1110
Duns No.: 00-617-3082



Health: 1
Flammability: 0
Reactivity: 1



MATERIAL SAFETY
DATA SHEET

DIVISION: INDUSTRIAL SPECIALTIES
TRADE NAME:

SCOTCH-WELD (TM) DP-100 Part A Clear Epoxy Adhesive
3M I.D. NUMBER: 62-3575-1435-5 62-3575-1436-3 62-3575-1439-7 62-3575-2530-2
62-3575-9930-7

ISSUED: APRIL 12, 1990
SUPERSEDES: DECEMBER 7, 1989
DOCUMENT: 10-3341-4

1. INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE VALUE UNIT	LIMITS TYPE AUTH
mercaptan terminated polymer - Vendor Trade Secret (V.T.S.)	V.T.S.	85.0 - 95.0	NONE NONE	NONE NONE
2,4,6-tris(dimethylaminomethyl) phenol	90-72-2	5.0 - 15.0	5 ppm	TWA CMRG

SOURCE OF EXPOSURE LIMIT DATA:
- CMRG: Chemical Manufacture Recommended Guidelines
- NONE: None Established

NOTE: This Accelerator (Mfg #EC-3675) used with Scotch-Weld DP-100 Part B Clear Epoxy Adh.; (Mfg. #EC-3575 - MSDS DOC #1033372).

2. PHYSICAL DATA

BOILING POINT:..... N/A
VAPOR PRESSURE:..... N/A
VAPOR DENSITY:..... N/A
EVAPORATION RATE:..... N/A
SOLUBILITY IN WATER:..... Not soluble
SP. GRAVITY:..... 1.15
PERCENT VOLATILE:..... 0% By Weight
VOLATILE ORGANICS:..... N/A
pH:..... N/A
VISCOSITY:..... 8,000-15,000 cps
APPEARANCE AND ODOR: Dark amber, medium syrup, strong mercaptan 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:
CO2, foam, dry chemical, water
SPECIAL FIRE FIGHTING PROCEDURES:
Fire fighters should be equipped with self-contained breathing apparatus when fighting fires involving this material.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
Refer to Section 4 -- Hazardous Polymerization.
NFPA-HAZARD-CODES: HEALTH 1 FIRE 0 REACTIVITY 1
UNUSUAL REACTION HAZARD: None

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

scotch-weld A Clear Epoxy Adhesive

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MSDS: SCOTCH-WELD (TM) DP-100 Part A Clear Epoxy Adhesive
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4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS TO AVOID:

N/A

HAZARDOUS POLYMERIZATION: May Occur

When the two components (Part B and Part A) are combined, avoid heat conditions which cause premature reaction (exotherm) with production of intense heat and smoke. Heat is generated during cure. Do not cure up a mass larger than 50 grams to prevent the possibility of exotherm.

HAZARDOUS DECOMPOSITION PRODUCTS:

CO, CO2, N, SO2 decomposition products and smoke particles when subjected to excessive heat or flame.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Ventilate the area. Observe precautions from other sections. Collect spilled material. Place in a U.S. Department of Transportation - approved metal container, and seal.

RECOMMENDED DISPOSAL:

Mix Part A with Part B. Completely cure and dispose of fully cured waste product in a sanitary landfill. Incinerate uncured bulk products after mixing with flammable material in an industrial or commercial facility. Disposal should be in accordance with applicable regulations.

ENVIRONMENTAL DATA:

Volatile Organic Compound (VOC):

Maximum VOC = N/A.

Maximum VOC minus Water minus Exempt Solvents = N/A.

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 for at least 10 minutes and call a physician. Flushing eyes with water may not have the capability of preventing injury.

SKIN CONTACT:

Thoroughly wash affected area with soap and water.

INHALATION:

Provide fresh air.

IF SWALLOWED:

Drink two glasses of milk or water. Immediately call a physician or poison control center.

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MATERIAL SAFETY
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6. SUGGESTED FIRST AID (continued)

OTHER FIRST AID:
NONE

7. PRECAUTIONARY INFORMATION

FOR INDUSTRIAL OR PROFESSIONAL USE ONLY. This material is part of a two component system. The precautions for each component should be observed when separate or mixed. Use only with sufficient ventilation to maintain vapor concentrations below recommended exposure limits. Avoid eye contact. Wear appropriate eye protection such as safety glasses or chemical goggles. Avoid skin contact. Wear impervious gloves and protective clothing as necessary to prevent skin contact. Avoid breathing vapors released during heat curing. Curing equipment should be properly vented to the outdoors or suitable emission control device. Avoid eye contact with or breathing dust from cutting, grinding, or sanding operations on the cured material. Wear safety glasses or goggles and dust mask to avoid dust exposure. Wash contaminated clothing before reuse. Keep container closed when not in use. Keep out of the reach of children.

ADDITIONAL EXPOSURE LIMITS

INGREDIENTS	---- EXPOSURE LIMITS ----			
	VALUE	UNIT	TYPE	AUTH
2,4,6-tris(dimethylamino)methyl phenol	5	ppm	TWA	CMRG

SOURCE OF EXPOSURE LIMIT DATA:

- CMRG: Chemical Manufacture Recommended Guidelines

8. HEALTH HAZARD DATA

EYE CONTACT: Liquid may cause severe eye irritation and permanent damage upon contact. Vapors from heat cure and dust from machining cured product may cause eye irritation. Symptoms of vapor overexposure are redness, smarting and tearing.

SKIN CONTACT: Extremely irritating to skin. May be absorbed through skin and cause an allergic skin reaction in some persons.

INHALATION: Vapors can irritate nose and throat and cause drowsiness, slurred speech, headache, nausea, and dizziness. Dust from machining cured product may cause respiratory system irritation.

INGESTION: May cause digestive system irritation.

SECTION CHANGE DATES

HEADING SECTION CHANGED SINCE DECEMBER 7, 1989 ISSUE

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MATERIAL SAFETY
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MSDS: SCOTCH-WELD (TM) DP-100 Part A Clear Epoxy Adhesive
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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.