

General Offices/3M

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

01-51

MATERIAL SAFETY
DATA SHEET**3M**

DIVISION: ELECTRICAL PRODUCTS DIVISION
TRADE NAME: KIT 82-A (SCOTCHCAST 4)
3M I.D. NUMBER: 80-7110-0210-7
ISSUED: AUGUST 28, 1986
SUPERSEDES: FEBRUARY 24, 1986
DOCUMENT: 10-5798-3

1. INGREDIENTS	C.A.S. NO.	PERCENT	EXPOSURE LIMITS	
PART A: LIQUID EPOXY RESIN (DGEBA-Mol.Wt.<700)	NONE	100.0	NONE	5
PART B: AMINE ADDUCTS	NONE	25.0- 35.0	NONE	5
NONYL PHENOL	25154-52-3	35.0- 45.0	NONE	5
2,4,6-TRIS(DIMETHYLAMINO METHYL)PHENOL	90-72-2	1.0- 5.0	5ppm	4
NON-REACTIVE EXTENDERS	NONE	13.0- 15.0	NONE	5
CARBON BLACK	1333-86-4	0.1- 1.0	3.5mg/cu.m.	1
AROMATIC HYDROCARBON	70955-17-8	4.0- 5.0	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/A	SOLUBILITY IN WATER:	Nil
VAPOR PRESSURE:	N/A	SP. GRAVITY (WATER=1):	A:1.14 B:0.98
VAPOR DENSITY (AIR=1):	N/A	PERCENT VOLATILE:	0
EVAPORATION RATE (=1):	N/A	VISCOSITY:	A:5000cps B:3500cps
APPEARANCE AND ODOR:	A:Clear, amber liquid B:Black liquid, amine odor.		pH: N/A

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6. SUGGESTED FIRST AID

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EYE CONTACT:

Immediately flush eyes with large amounts of water and continue for at least ten minutes. Call a physician.

SKIN CONTACT:

Wash affected area thoroughly with soap and water.

INHALATION:

Provide fresh air; if coughing, wheezing or shortness of breath develops, call a physician.

IF SWALLOWED:

Give one to two glasses of water and immediately induce vomiting. Call a physician.

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7. PRECAUTIONARY INFORMATION

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Do not get in eyes; use of chemical safety glasses is recommended. Avoid skin contact. Avoid prolonged breathing of vapors. Use only in well ventilated areas with sufficient air movement to maintain airborne vapor concentration levels at recognized health and safety levels. Launder contaminated clothing before re-use.