

MATERIAL SAFETY 3M
 DATA SHEET 3M Center
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DIVISION: ELECTRICAL PRODUCTS DIVISION

TRADE NAME:

DBY-6 AND DBR-6 DIRECT BURY SPLICE KITS (INSULATING PASTE)

U.P.C. Number:

00-54007-69756-5 00-54007-69757-2 00-54007-49697-7 00-54007-49699-1
 00-54007-49945-9 00-54007-49947-3 00-54007-93253-6

ISSUED: July 24, 2000

SUPERSEDES: November 18, 1999

DOCUMENT: 11-3072-3

1. INGREDIENT	C.A.S. NO.	PERCENT
amorphous silica.....	7631-86-9	6.0 - 10.0
poly(dimethylsiloxane).....	63148-62-9	20 - 30
dimethyl methyl silicone resin.....	68037-74-1	10 - 15
poly(dimethylsiloxane) hydroxy terminated.....	70131-67-8	30 - 50

2. PHYSICAL DATA

BOILING POINT:..... N/A
 VAPOR PRESSURE:..... N/A
 VAPOR DENSITY:..... N/A
 EVAPORATION RATE:..... N/A
 SOLUBILITY IN WATER:..... Nil
 SPECIFIC GRAVITY:..... 1.02
 PERCENT VOLATILE:..... less than 5%
 pH:..... N/A
 VISCOSITY:..... Grease
 MELTING POINT:..... N/D

APPEARANCE AND ODOR:
 Paste, little odor

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

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... >200F Closed Cup
FLAMMABLE LIMITS - LEL:..... N/D
FLAMMABLE LIMITS - UEL:..... N/D
AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:
Carbon dioxide, Dry chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES:
Wear full protective clothing, including helmet, self-contained,
positive pressure or pressure demand breathing apparatus, bunker coat
and pants, bands around arms, waist and legs, face mask, and
protective covering for exposed areas of the head.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
See Hazardous Decomposition section for products of combustion.

NFPA HAZARD CODES: HEALTH: 1 FIRE: 1 REACTIVITY: 0
UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:
Strong Oxidizing Agents.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:
Carbon Monoxide and Carbon Dioxide, Oxides of Sulfur.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:
Observe precautions from other sections. Collect spilled material.
Clean up residue with an appropriate organic solvent. Read and follow
safety precautions on the solvent label and MSDS. Place in a U.S.
DOT-approved container.

RECOMMENDED DISPOSAL:
Incinerate large quantities in an industrial or commercial
incinerator.

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5. ENVIRONMENTAL INFORMATION (continued)

ENVIRONMENTAL DATA:
Not applicable.

REGULATORY INFORMATION:
Volatile Organic Compounds: N/D.
VOC Less H2O & Exempt Solvents: N/D.

Since regulations vary, consult applicable regulations or authorities
before disposal.

EPCRA HAZARD CLASS:
FIRE HAZARD: No PRESSURE: No REACTIVITY: No ACUTE: Yes CHRONIC: No

6. SUGGESTED FIRST AID

EYE CONTACT:
Immediately flush eyes with large amounts of water. Get immediate
medical attention.

SKIN CONTACT:
Wash affected area with soap and water.

INHALATION:
No need for first aid is anticipated.

IF SWALLOWED:
No need for first aid is anticipated.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:
Avoid eye contact.

SKIN PROTECTION:
Avoid prolonged or repeated skin contact.

RECOMMENDED VENTILATION:
Not applicable.

RESPIRATORY PROTECTION:
Not applicable.

PREVENTION OF ACCIDENTAL INGESTION:
Do not ingest.

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

7. PRECAUTIONARY INFORMATION (continued)

RECOMMENDED STORAGE:

Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Keep away from heat, sparks, open flame, and other sources of ignition.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
amorphous silica.....	NONE	NONE	NONE	NONE	
poly(dimethylsiloxane).....	NONE	NONE	NONE	NONE	
dimethyl methyl silicone resin.....	NONE	NONE	NONE	NONE	
poly(dimethylsiloxane) hydroxy terminated.....	NONE	NONE	NONE	NONE	

* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:

Mild Eye Irritation: signs/symptoms can include redness, swelling, pain, and tearing.

SKIN CONTACT:

Mild Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, and itching.

INHALATION:

Irritation (lower respiratory): signs/symptoms can include coughing, congestion, irritation of throat, wheezing and difficulty breathing.

IF SWALLOWED:

Ingestion is not a likely route of exposure to this product.

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