

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

TRADE NAME:

Scotchcast 2112 Reenterable Insulating and Sealing Compound

ID NUMBER/U.P.C.:

80-6108-3858-5 00-54007-42049-1 80-6108-3859-3 00-54007-42050-7

ISSUED: January 06, 2000

SUPERSEDES: August 27, 1999

DOCUMENT: 07-7268-1

1. INGREDIENT	C.A.S. NO.	PERCENT
Part A.....	Unknown	50
SOYBEAN OIL.....	8001-22-7	50 - 70.0
BUTADIENE-MALEIC ANHYDRIDE COPOLYMER....	25655-35-0	30 - 50
HYDROTREATED HEAVY NAPHTHENIC PETROLEUM DISTILLATES.....	64742-52-5	5 - 10
Part B.....	Unknown	50
HYDROTREATED HEAVY NAPHTHENIC PETROLEUM DISTILLATES.....	64742-52-5	35 - 55
1,3-BUTADIENE, HOMOPOLYMER, HYDROXY- TERMINATED.....	69102-90-5	30 - 40
FATTY ACIDS, LINSEED OIL, EPOXIDIZED, 2- ETHYLHEXYL ESTERS.....	71302-79-9	5 - 15
METHYLDIDECYLAMINE.....	7396-58-9	5 - 10

The components of this product are in compliance with the chemical
notification requirements of TSCA.

Ingredient 64742-52-5 is exempt from EU R45 classification

2. PHYSICAL DATA

BOILING POINT:..... N/A
VAPOR PRESSURE:..... < 5 mmHg
Estimated
VAPOR DENSITY:..... N/D
EVAPORATION RATE:..... N/A
SOLUBILITY IN WATER:..... nil

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

2. PHYSICAL DATA (continued)

SPECIFIC GRAVITY:..... Parts A and B:0.9
PERCENT VOLATILE:..... N/A
pH:..... N/A
VISCOSITY:..... Part A:ca 700 cps; Part B: ca 600 cps
MELTING POINT:..... N/D

APPEARANCE AND ODOR:

Liquid, Part A: Clear, amber liquid; mild odor. Part B: Clear, light
amber liquid, mild odor.

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... > 230 F PMCC
Parts A and B
FLAMMABLE LIMITS - LEL:..... N/D
FLAMMABLE LIMITS - UEL:..... N/D
AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:

Water spray, Carbon dioxide, Dry chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES:

Not applicable

UNUSUAL FIRE AND EXPLOSION HAZARDS:

No unusual fire or explosion hazards are anticipated.

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

OSHA FIRE HAZARD CLASS: Class IIIB Combustible Liquid

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

Strong Acids, Strong Oxidizing Agents.

HAZARDOUS POLYMERIZATION: Hazardous polymerization may occur.
Temperatures > 400F.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide, Oxides of Nitrogen, Oxides of
Sulfur, Aldehydes, Hydrocarbons.

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5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Cover with inorganic absorbent material. Collect spilled material. Clean up residue. Clean up residue with an appropriate organic solvent. Read and follow safety precautions on the solvent label and MSDS. Place in a closed container.

RECOMMENDED DISPOSAL:

Cure product according to product instructions. Incinerate in an industrial or commercial facility. Dispose of completely cured (or polymerized) material in a sanitary landfill. Dispose of empty cans in a sanitary landfill. Dispose of completely absorbed waste product in a facility permitted to accept chemical wastes. Dispose of waste product in a facility permitted to accept chemical waste.

ENVIRONMENTAL DATA:

No data available.

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:

Flush skin with large amounts of water. If irritation persists, get medical attention.

INHALATION:

Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

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6. SUGGESTED FIRST AID (continued)

IF SWALLOWED:

If swallowed, do NOT induce vomiting. Give victim two glasses of water. Call a physician immediately. Never give anything by mouth to an unconscious person.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact.

SKIN PROTECTION:

Wear appropriate gloves when handling this material.

RECOMMENDED VENTILATION:

Use with appropriate local exhaust ventilation. Provide sufficient ventilation to maintain emissions below recommended exposure limits.

RESPIRATORY PROTECTION:

Avoid prolonged breathing of vapors.

PREVENTION OF ACCIDENTAL INGESTION:

Wash hands after handling and before eating. Do not ingest. Not an expected route of exposure.

RECOMMENDED STORAGE:

Store in a cool place. Keep container closed when not in use.

FIRE AND EXPLOSION AVOIDANCE:

Keep container tightly closed. Keep away from heat, sparks, open flame, and other sources of ignition. No smoking while handling this material.

HMIS HAZARD RATINGS: HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0
PERSONAL PROTECTION: B

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
Part A.....	NONE	NONE	NONE	NONE	
SOYBEAN OIL.....	NONE	NONE	NONE	NONE	
BUTADIENE-MALEIC ANHYDRIDE COPOLYMER.....	NONE	NONE	NONE	NONE	
HYDROTREATED HEAVY NAPHTHENIC PETROLEUM DISTILLATES.....	5	MG/M3	TWA	CMRG	
HYDROTREATED HEAVY NAPHTHENIC PETROLEUM DISTILLATES.....	10	MG/M3	STEL	CMRG	
Part B.....	NONE	NONE	NONE	NONE	

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EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
HYDROTREATED HEAVY NAPHTHENIC PETROLEUM DISTILLATES.....	5	MG/M3	TWA	CMRG	
HYDROTREATED HEAVY NAPHTHENIC PETROLEUM DISTILLATES.....	10	MG/M3	STEL	CMRG	
1,3-BUTADIENE, HOMOPOLYMER, HYDROXY-TERMINATED.....	NONE	NONE	NONE	NONE	
FATTY ACIDS, LINSEED OIL, EPOXIDIZED, 2-ETHYLHEXYL ESTERS....	NONE	NONE	NONE	NONE	
METHYLDIDECYLAMINE.....	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:

- CMRG: Chemical Manufacturer Recommended Exposure Guidelines
- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:

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

SKIN CONTACT:

Moderate Skin Irritation: signs/symptoms can include redness, swelling, itching, and dryness.

INHALATION:

Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

IF SWALLOWED:

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

Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

OTHER HEALTH HAZARD INFORMATION:

Ingredient 64742-52-5 exempt from EU R45 classification.

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SECTION CHANGE DATES

INGREDIENTS SECTION CHANGED SINCE August 27, 1999 ISSUE

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