

MATERIAL SAFETY 3M
 DATA SHEET 3M Center
 St. Paul, Minnesota
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DIVISION: ELECTRICAL PRODUCTS DIVISION
 TRADE NAME:
 SCOTCHRAP BRAND PIPE INSULATION PUTTY
 ID NUMBER/U.P.C.:
 62-5366-3292-0 - - -
 ISSUED: April 16, 2001
 SUPERSEDES: October 24, 2000
 DOCUMENT: 10-2652-5

1. INGREDIENT	C.A.S. NO.	PERCENT	
LIMESTONE.....	1317-65-3	20.0	- 30.0
SILICA.....	7631-86-9	15.0	- 25.0
CALCIUM OXIDE.....	1305-78-8	10.0	- 20.0
POLYBUTYLENE.....	9003-29-6	10.0	- 20.0
TITANIUM DIOXIDE.....	13463-67-7	10.0	- 20.0
ALUMINUM SILICATE.....	1327-36-2	1.0	- 10.0
MAGNESIUM OXIDE.....	1309-48-4	1.0	- 10.0
CALCIUM CARBONATE.....	471-34-1	1.0	- 10.0
ISOBUTYLENE-ISOPRENE POLYMER.....	9010-85-9	1.0	- 10.0
KAOLIN.....	1332-58-7	1.0	- 10.0
ALUMINUM STEARATE.....	637-12-7	1.0	- 10.0
BENTONITE.....	1302-78-9	1.0	- 10.0
CARBON BLACK.....	1333-86-4	0.1	- 1.0

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:..... 1.51
 PERCENT VOLATILE:..... 0
 pH:..... N/A
 VISCOSITY:..... N/A
 MELTING POINT:..... N/D

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

2. PHYSICAL DATA (continued)

APPEARANCE AND ODOR:
Roll of Tape

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... >400F Closed Cup
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:
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:
None known.

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

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:
NONE

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:
Carbon Monoxide and Carbon Dioxide.

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. Place in a closed container.

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5. ENVIRONMENTAL INFORMATION (continued)

RECOMMENDED DISPOSAL:

Dispose of waste product in a sanitary landfill. Reclaim if feasible.

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. In the event of an uncontrolled release of this material, the user should determine if the release qualifies as a reportable quantity.

EPCRA HAZARD CLASS:

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

6. SUGGESTED FIRST AID

EYE CONTACT:

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

SKIN CONTACT:

No need for first aid is anticipated.

INHALATION:

No need for first aid is anticipated.

IF SWALLOWED:

Drink two glasses of water. Call a physician.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Not applicable.

SKIN PROTECTION:

Avoid prolonged or repeated skin contact.

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 7. PRECAUTIONARY INFORMATION (continued)

RECOMMENDED VENTILATION:
 Not applicable.

RESPIRATORY PROTECTION:
 Not applicable.

PREVENTION OF ACCIDENTAL INGESTION:
 Wash hands after handling and before eating.

RECOMMENDED STORAGE:
 Store at room temperature. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:
 Not applicable.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
LIMESTONE.....	10	MG/M3	TWA	ACGIH	
LIMESTONE.....	15	MG/M3	TWA	OSHA	
	AS TOTAL DUST				
LIMESTONE.....	5	MG/M3	TWA	OSHA	
	RESPIRABLE				
SILICA.....	3	MG/M3	TWA	CMRG	
	AS RESPIRABLE DUST				
CALCIUM OXIDE.....	2	MG/M3	TWA	ACGIH	
CALCIUM OXIDE.....	5	MG/M3	TWA	OSHA	
POLYBUTYLENE.....	NONE	NONE	NONE	NONE	
TITANIUM DIOXIDE.....	10	MG/M3	TWA	ACGIH	
TITANIUM DIOXIDE.....	10	MG/M3	TWA	OSHAV	
	AS DUST				
	OSHA VACATED PEL				
TITANIUM DIOXIDE.....	15	MG/M3	TWA	OSHA	
	AS TOTAL DUST				
TITANIUM DIOXIDE.....	5	MG/M3	TWA	CMRG	
	AS RESPIRABLE DUST				
ALUMINUM SILICATE.....	1.0	FIBER/CC	TWA	OSHA	
	PROPOSED				
ALUMINUM SILICATE.....	1.0	FIBER/CC	TWA	CMRG	
MAGNESIUM OXIDE.....	10	MG/M3	TWA	ACGIH	
	as fume				
MAGNESIUM OXIDE.....	15	MG/M3	TWA	OSHA	
	AS TOTAL DUST				
CALCIUM CARBONATE.....	10	MG/M3	TWA	ACGIH	
ISOBUTYLENE-ISOPRENE POLYMER.....	NONE	NONE	NONE	NONE	
KAOLIN.....	2	MG/M3	TWA	ACGIH	
	RESPIRABLE				
KAOLIN.....	10	MG/M3	TWA	OSHAV	

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

EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
					AS DUST
					OSHA VACATED PEL
KAOLIN.....	15	MG/M3	TWA	OSHA	
					AS TOTAL DUST
KAOLIN.....	5	MG/M3	TWA	OSHA	
					RESPIRABLE
ALUMINUM STEARATE.....	10	MG/M3	TWA	ACGIH	
					AS TOTAL DUST
BENTONITE.....	NONE	NONE	NONE	NONE	
CARBON BLACK.....	3.5	MG/M3	TWA	ACGIH	
CARBON BLACK.....	3.5	MG/M3	TWA	OSHA	
CARBON BLACK.....	0.5	MG/M3	TWA	CMRG	

* 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:

- ACGIH: American Conference of Governmental Industrial Hygienists
- CMRG: Chemical Manufacturer Recommended Exposure Guidelines
- OSHA: Occupational Safety and Health Administration
- OSHAV: Occupational Safety and Health Administration Vacated PEL. Vacated Permissible Exposure Limits (PEL) are enforced as the OSHA PEL in some states. Check with your local regulatory authority.
- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:

Mechanical eye irritation: signs/symptoms can include irritation, redness, scratching of the cornea and tearing.

SKIN CONTACT:

No adverse health effects are expected from skin contact.

INHALATION:

Health effects from inhalation are not expected unless product is heated.

IF SWALLOWED:

No adverse health effects are expected from swallowing.

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8. HEALTH HAZARD DATA (continued)

CANCER:

WARNING: Contains a chemical which can cause cancer. (1333-86-4)
(IARC possible human carcinogen 2B)

SECTION CHANGE DATES

PRECAUTIONARY INFO. SECTION CHANGED SINCE October 24, 2000 ISSUE

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