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Material Safety Data Sheet

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Prepared by: Environmental Health and Safety Services  
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1 Product Identification

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Tradename:

3M BRAND FIRE BARRIER MOLDABLE PUTTY PADS, STRIPS & STIX (INACTIVE)

Product ID:

42-0006-5097-0 42-0006-5098-8 42-0006-5099-6 42-0008-9200-2  
 80-6103-2257-2 80-6103-2258-0 98-0400-0876-9 98-0400-0879-3  
 98-0400-0912-2 98-0400-1245-6

Intended Use of Product:

Fire Protection

Division:

SPECIFIED CONSTRUCTION PRODUCTS

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2 Composition/Information on Ingredients

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Ingredient Name	CAS Number	Percentage
ALUMINA TRIHYDRATE	21645-51-2	30.0 - 40.0
HEAT RESISTANT PLASTICIZED RUBBER RESIN	None	18.0 - 36.0
POLYCHLOROPRENE	9010-98-4	10.0 - 15.0
PETROLATUM	8009-03-8	5.0 - 10.0
SILICA	7631-86-9	1.0 - 5.0
HYDROTREATED LIGHT NAPHTHENIC PETROLEUM DISTILLATES	64742-53-6	1.0 - 5.0

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AROMATIC HYDROCARBON RESIN	None	1.0 - 4.0
TETRAMETHYL THIOPEROXYDICARBONIC DIAMIDE	137-26-8	1 - 5
CALCIUM HYDROXIDE	1305-62-0	1.0 - 3.0
WATER	7732-18-5	1.0 - 3.0

NOTE:

HEAT RESISTANT PLASTICIZED RUBBER RESIN has no CAS number.  
AROMATIC HYDROCARBON RESIN has no CAS number.

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### 3 Hazards Identification

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Critical Hazards:

Prolonged or repeated exposure may cause: Allergic Skin Reaction  
(non-photo induced): Signs/symptoms may include redness, swelling,  
blistering, and itching.

See Sections 7 and 11 for further information.

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### 4 First Aid Measures

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Instructions for Eye Contact:

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

Instructions for Skin Contact:

Wash affected area with soap and water.

Instructions for Inhalation:

If signs/symptoms occur, remove person to fresh air. If  
signs/symptoms continue, call a physician.

Instructions for Ingestion:

Drink two glasses of water. Call a physician.

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### 5 Fire Fighting Measures

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Flash point: Not applicable

Lower Explosive Limit (%): Not applicable

Upper Explosive Limit (%): Not applicable

Autoignition temperature: Not applicable

Suitable Extinguishing Media:

Water; Carbon Dioxide; Dry chemical; Foam;

Exposure Hazards during Fire:

No data available.

Combustion Products from Fire:

Carbon monoxide and carbon dioxide; Hydrogen chloride;

Fire Fighting Procedures:

Wear full protective clothing, including helmet, self-contained,

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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.

Special Instructions:

None known.

6 Accidental Release Measures

Personal Precautions:

Observe precautions from other sections. Call 3M- HELPS line (1-800-364-3577) for more information on handling and managing the spill.

Spill Response:

Collect as much of the spilled material as possible.

Methods for Disposal:

As a disposal alternative, incinerate in an industrial or commercial facility in the presence of a combustible material. Combustion products will include HCI. Facility must be capable of handling halogenated materials. Dispose of waste product in a sanitary landfill.

7 Handling and Storage

Storage Requirements:

No data available.

Incompatible Materials:

None known.

Ventilation:

No data available.

Fire Prevention:

Not applicable.

8 Exposure Controls/Personal Protection

Personal Protection

Eye Protection:

Avoid eye contact.

Hand Protection:

Wear appropriate gloves when handling this material. The following glove material(s) are recommended: nitrile rubber; polyethylene/ethylene vinyl alcohol; polytetrafluoroethylene (teflon);

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## Skin Protection:

Avoid prolonged or repeated skin contact.

## Respiratory Protection:

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

## Ingestion (Prevention):

Do not ingest. Keep out of the reach of children.

## Recommended Ventilation:

Not applicable.

## Ingredient Exposure Data

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## ALUMINA TRIHYDRATE (21645-51-2)

Specific Ingredient Data: No data available.

LD50 (rat, oral)

: No data available.

LC50 (rat, inhalation/4 hours)

: No data available.

Exposure Limits

: No data available.

## HEAT RESISTANT PLASTICIZED RUBBER RESIN (None)

LD50 (rat, oral)

: No data available.

LC50 (rat, inhalation/4 hours)

: No data available.

Exposure Limits

: No data available.

## POLYCHLOROPRENE (9010-98-4)

Specific Ingredient Data: No data available.

LD50 (rat, oral)

: No data available.

LC50 (rat, inhalation/4 hours)

: No data available.

Exposure Limits

: No data available.

## PETROLATUM (8009-03-8)

Specific Ingredient Data: No data available.

LD50 (rat, oral)

: No data available.

LC50 (rat, inhalation/4 hours)

: No data available.

Exposure Limits

: No data available.

## SILICA (7631-86-9)

LD50 (rat, oral): 3160 mg/kg

LC50 (rat, inhalation/4 hours)

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: No data available.

Exposure Limits: CMRG: TWA 3 mg/m3 (specific form) as respirable

dust  
HYDROTREATED LIGHT NAPHTHENIC PETROLEUM DISTILLATES (64742-53-6)  
Specific Ingredient Data: No data available.  
LD50 (rat, oral)  
: No data available.  
LC50 (rat, inhalation/4 hours)  
: No data available.  
Exposure Limits: CMRG: TWA 5 mg/m3  
AROMATIC HYDROCARBON RESIN (None)  
LD50 (rat, oral)  
: No data available.  
LC50 (rat, inhalation/4 hours)  
: No data available.  
Exposure Limits  
: No data available.  
TETRAMETHYL THIOPEROXYDICARBONIC DIAMIDE (137-26-8)  
LD50 (rat, oral): 560 mg/kg  
LC50 (rat, inhalation/4 hours): 51 ppm  
Exposure Limits: 1 mg/m3 ACGIH: TWA (Table A4)  
CALCIUM HYDROXIDE (1305-62-0)  
LD50 (rat, oral): 7340 mg/kg  
LC50 (rat, inhalation/4 hours)  
: No data available.  
Exposure Limits: ACGIH: TWA 5 mg/m3  
WATER (7732-18-5)  
LD50 (rat, oral): >90 ml/kg  
LC50 (rat, inhalation/4 hours)  
: No data available.  
Exposure Limits  
: No data available.

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## 9 Physical and Chemical Properties

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Physical form,Color,Odour:	strips; brown; slight latex odour;
Odour Threshold:	No data available.
pH:	Not applicable
Boiling point/boiling range:	Not applicable
Melting point/melting range:	Not available
Vapour pressure:	Not applicable
Water Solubility:	Nil
Specific gravity:	1.620 Water=1
Vapour density:	Not applicable
Volatile organic compounds:	Not applicable

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Evaporation rate:	Not applicable
Viscosity:	Not applicable
Percent Volatile:	No data available.

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## 10 Stability and Reactivity

## Conditions to Avoid:

None known.

## Materials to Avoid:

None known.

## Hazardous Decomposition:

Carbon monoxide and carbon dioxide; Hydrogen chloride;

## Stability and Reactivity:

Stable. Hazardous polymerization will not occur.

## 11 Toxicological Information

## Effects from Eye Contact:

Mechanical eye irritation: Signs/symptoms can include pain, redness, tearing and corneal abrasion.

## Effects from Skin Contact:

Mechanical skin irritation: Signs/symptoms can include abrasion, redness, pain, and itching. Prolonged or repeated exposure may cause: Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

## Effects from Inhalation:

No health effects are expected.

## Effects from Ingestion:

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

Gastrointestinal Effects: Signs/symptoms may include stomach upset, nausea, vomiting and diarrhea.

## Sensitization Information:

Prolonged or repeated exposure may cause: Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

## Carcinogenicity:

No data available.

## Mutagenicity:

No data available.

## Reproductive Effects:

TETRAMETHYL THIOPEROXYDICARBONIC DIAMIDE (137-26-8): REPRODUCTIVE EFFECTS - Hens fed maize treated with thiram caused the production of abnormal (soft-shelled) eggs. BIRTH DEFECTS - When pregnant NMRI mice were given oral doses of 10-30 mg/animal from day 5-15 of pregnancy, increased resorption occurred during intermediate and

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late stages of fetogenesis. Malformations, characterized by cleft palates, micrognathia, wavy ribs and distorted bones were found in developing fetuses and in pups at term.

## Component Based Information:

No data available.

## Product Based Information:

No data available.

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12 Ecological Information  
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Environmental Data:

Ecotoxicity Data:

No data available.

Ecofate Data:

Other Effects and Information:

Not determined. Since regulations vary, consult applicable regulations or authorities before disposal.

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13 Disposal Considerations  
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Product as Sold:

No data available.

Product Packaging:

No data available.

Potential for Recycling:

Reclaim if feasible.

Special Instructions:

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

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14 Transportation Information  
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Transportation of Dangerous Goods  
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TDG Classification:

Non-Regulated Material

International Dangerous Goods Classification  
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15 Regulatory Information  
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WHMIS Classification:

D2A

NOTE:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Product Certifications:

The product on this MSDS, or all its components, is included on the following countries' chemical inventories, as noted:

DSL - Domestic Substances List (Canada)

## 16 Other Information

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Reason for Reissue:

The following Sections and topics have been updated or revised:  
Update Tradename (Obsolete product)

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