

SAFETY DATA SHEET

MAGIC SMOOTH HARDNER

SECTION 1. IDENTIFICATION

Product Name : Magic Smooth (Hardner)
Product Type : Thick Putty
Emergency Telephone : Chemtrec: 800-424-9300

Recommended use and restrictions on use

Recommended use : Hardner Component of a two part putty system

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Skin irritation : Skin sensitize 2
Eye irritation : Category 2
Skin Sensitization : Category 1

GHS Label element

Hazard pictograms :



Signal Word : Danger
Hazard statements : H315 Causes skin irritation
: H317 May cause an allergic skin reaction
: H319 Causes serious eye irritation

Precautionary Statements : Wear protective gloves. Wear eye or face protection. Avoid release into the environment. Avoid breathing dust. Wash hands throughout after handling. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing. If skin irritation or rash occurs: Get

medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Dispose of contents and container in accordance with all local, regional, national and international regulations.

Other Hazards which do not Result in classification : None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture : Mixture

Chemical Name	CAS-No.	Concentration (%)
4,4' – (Methylethylidene) Bisphenol	80-05-7	40%
Triethylenetetramine	112-24-3	60% Inert <10%

SECTION 4. FIRST AID MEASURES

Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Inhalation : If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or breathing becomes difficult.

Skin Contact : For skin contact, wipe away excess material with dry towel. Then wash affected areas with plenty of water, and soap if available, for several minutes. Get medical attention if irritation occurs.

Ingestion : Not a significant route of exposure. If ingested, do not induce vomiting. If vomiting occurs, give water. Do not give anything by mouth to an unconscious or convulsing person. Get medical attention. Have physician determine whether vomiting or stomach evacuation is necessary.

SECTION 5. FIRE-FIGHTING MEASURE

Flash point : Combined 490°F [Estimated]

Extinguishing media

- Suitable extinguishing** : Use an extinguishing agent suitable for the surrounding fire.
- Specific hazards** : No specific fire or explosion hazard.
- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective Equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- For non-emergency** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.
- Methods and materials for containment and cleaning up** : Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

SECTION 7. HANDLING AND STORAGE

Protective measures

Precautions for safe handling

: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Avoid release to the environment. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities

: Store at room temperature. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

SECTION 8. EXPOSURE CONTROLS/PRESONAL PROTECTION

Control parameters

Appropriate engineering controls

: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental exposure Controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene Measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body Protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

- Physical state : Very Thick Putty
- Color : Off White/Yellowish
- Odor : Slight Amine and/or Ammonia
- Odor Threshold: : Not available
- pH : Not established
- Melting point : N/A
- Boiling point : N/A
- Flash point : >390 F
- Evaporation rate : N/A
- Flammability : N/A
- Lower and upper explosive (flammable) limits : N/A
- Vapor pressure : N/A
- Vapor density : N/A

Relative density : N/A
Solubility in water : Insoluble
Auto Ignition temperature : N/A
Decomposition temperature : N/A
Density : N/A
Viscosity : Thick Putty/Vaseline Like

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No specific test data related to reactivity available for this product.
Chemical stability : The product is stable.
Conditions to avoid : No specific data
Incompatible materials : No specific data
Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : Skin & Eye contact. Inhaled as dust or ingested as a solid.

Acute toxicity

Ingredients

Triethylenetetramine:

Acute oral toxicity Ingredient : LD50 Oral (Rat) 1716 mg/Kg Component
: LD50 Dermal (Rat) >5000mg/Kg Component

Acute inhalation toxicity : No data available

Acute dermal toxicity : Acute toxicity >5000 mg/Kg

Product

Acute toxicity (other route of administration) : No data available

Skin corrosion/irritation

Product:

Remarks : Mild Skin and Eye irritation

Respiratory or skin sensitization

Remarks : Moderate sensitizer

Carcinogenicity

Remarks : (Rat) Negative

Reproductive toxicity

Remarks : (Rat) Negative

Teratogenicity

Remarks : (Rat, Rabbit) Negative (Oral & Dermal)

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, OSHA OR NTP

Specific target organ toxicity (single exposure)

Not Available

Specific target organ toxicity (repeated exposure)

Not Available

Aspiration hazard

Not an hazard

Chronic effects

Not classified

Further Information

Once sensitized, an allergic reaction may occur when subsequently exposed.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity	: No specific data. Cured product water insoluble
Persistence and degradability	: No specific data
Mobility in Soil	: Immobile
Other adverse effects	: Not know significant effects or critical hazards

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal instructions	: Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
Local disposal regulations	
Hazardous waste code	: Not available
Waste from residues / unused products	: Dispose of surplus and non recyclable product via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

14. TRANSPORTATION INFORMATION

DOT

UN NUMBER	: Not regulated
UN Proper shipping name	-
Transportation Hazard	-
Packaging group	-

IATA : Not regulated

UN NUMBER	-
UN Proper shipping name	-
Transportation Hazard classes	-
Packaging group	-

IMDG

UN NUMBER	: Not regulated
UN Proper shipping name	-

Transportation Hazard classes -
Packaging group -
Environmental hazards -
Marine pollutant

15. REGULATORY INFORMATION

U.S Federal regulations : United States Inventory (TSCA 8b) All components listed or exempted.
SARA 302/304

Composition/information on ingredients
No products were found

SARA 304 RQ : Not applicable

SARA 311/312 : None

California Prop 65 : This product contains a chemical know to the state of California to cause Cancer, birth defects or other reproductive harm.

16: OTHER INFORMATION

Issue Date : Jan-10-2017

Revision Date

HMIS Rating Health: 1
Flammability: 0
Physical Hazard: 0

Disclaimer The manufacturer cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.