

SECTION 1: IDENTIFICATION

Product Identifier

Mixture identification:
Trade Name: Malta #4.

Recommended use of the chemical and restrictions on use

Recommended use: Crack-Insulation Membrane.
Recommended on use: N.A.

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party Company

Trends Desing USA Inc.
14037 SW 84th Street
Miami, FL 33183.

USA Phone: (305) 552-7026.

Emergency 24 hours number:

USA) CHEMTREC: 1-800-424-9300.
(CANADA) CANUTEC: 1-613-996-6666.

SECTION 2: HAZARD(S) IDENTIFICATION

Classification of the chemical

Aquatic Acute 3: Harmful to aquatic life.
Aquatic Chronic 3: Harmful to aquatic life with long lasting effects.

Label Elements

Hazard Statements:

H402: Harmful to aquatic life.
H412: Harmful to aquatic life with long lasting effects.

Precautionary Statements:

P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P308+P313: IF exposed or concerned: Medical advice/attention.
P405: Store locked up.
P501.A: Dispose of contents/container in accordance with applicable regulations.

Ingredient(s) with unknwn acute toxicity: None.

Hazards not otherwise classified identified during the classification process
None.

This product contains crystalline silica (quartz sand). IARC has classified crystalline silica as a Group 1 carcinogen. Both IARC and NTP consider silica as a known human carcinogen. Evidence is based in the chronic and long-term exposure workers have had to respirable sized crystalline silica dust particles. Because this product is in liquid or paste form, it does not pose a dust hazard; therefore, this classification is not relevant. (Note: sanding of the hardened product may create a silica dust hazard).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances: N.A.

Mixtures:

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

List of components:

| Quantity | Name | Ident. Num. | Classification |
|------------|-------------|-----------------|---|
| 0.25-0.49% | Silica Sand | CAS: 14808-60-7 | Carc. 1A, H350; STOT RE 1, H372 |
| 0.25-0.49% | Zinc Oxide | CAS: 1314-13-2 | Aquatic Acute 1, H400; Aquatic Chronic 1, H410. |

SECTION 4: FIRST AID MEASURES

Description of first aid measures

In case of skin contact: Wash with plenty of water and soap.
In case of eyes contact: Wash immediately with water.
In case of Ingestion: Do not induce vomiting, get medical attention showing the SDS and the hazard label.
In case of Inhalation: Remove casualty to fresh air and keep warm and at rest.
Most importante symptoms/effects, acute and delayed: N.A.

Indication of any immediate medical attention and special treatment need.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: Water. Carbone Dioxide (CO2).
Unsuitable extinguishing media: None in particular.

Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.
Burning produces heavy smoke.
Hazardous combustion products: N.A.
Explosive Properties: N.A.
Oxidizing Properties: N.A.

Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus.
Colletc contaminated fire extinguishing water separately. This must not be discharged into drains.
Move undamaged containers from immediate hazard area if it can be donde safely.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.
Remove persons to safety.
See protective measures under point 7 and 8.

Methods and material for containment and clean up

Suitable material for taking up: absorbing material,organic, sand.
Wash with plenty of water.

SECTION 7: HANDLING and STORAGE

Precautions for safe handling

- ✓ Avoid contact with skin and eyes, inhalation of vapours and mists.
- ✓ Exercise the greatest care when handling or opening the container.
- ✓ Don't use empty container before they have been cleaned.
- ✓ Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
- ✓ Contaminated clothing should be changed before entering eating areas.
- ✓ Do not eat or drink while working.
- ✓ See also section 8 for recommended protective equipment.

Condition for safe storage, including any incompatibilities

Storage Temperature: N.A.
Incompatible Materials: None in particular.
Instructions as regards storage premises: Adequately ventilated premises.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Control Parameters

List of components with OEL value:

| Component | OEL Type | Country | Ceiling | Long Term mg/m3 |
|---------------|------------------|----------------|-----------|-----------------|
| Silica Sand | ACGIH | | | 0,025 |
| Zinc Oxide | OSHA | | | 5 |
| | OSHA | | | 15 |
| | ACGIH | | | 2 |
| Long Term PPM | Short Term mg/m3 | Short Term PPM | Behaviour | |

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Note

A2 - Suspected Human Carcinogen;lung cancer;pulmonary fibrosis;

Metal fume fever;

Appropriate engineering controls: N.A.

Individual Protection Measures

Eye Protection: Use close fitting safety goggles, don't use eye lens.

Protection for Skin: Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for Hands: Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory Protection: N.A.

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

Physical State: Liquid.

Appearance and Colour: Paste Violet.

Odor: N.A.

Odor Threshold: N.A.

PH: 9.00.

Melting Point/ Freezing Point: N.A.

Initial Boiling Point and Boiling Range: N.A.

Flash Point: >100,0 °C (212,0 °F).

Evaporation Rate: N.A.

Upper/lower flammability or explosive limits: N.A.

Vapor Density: N.A.

Vapor Pressure: N.A.

Relative Density: 1.30 g/cm3.

Solubility in Water: N.A.

Solubility in Oil: N.A.

Partition Coefficient (n-octanol/water): N.A.

Auto-ignition Temperature: N.A.

Decomposition Temperature: N.A.

Viscosity: N.A.

Explosive Properties: N.A.

Oxidizing Properties: N.A.

Solid/Gas Flammability: N.A.

Other Information

Substance Groups Relevant Properties: N.A.

Miscibility: N.A.

Fat Solubility: N.A.

Conductivity: N.A.



Malta #4
Anti-Cracking Membrane
Base Mortar

SECTION 10: STABILITY and REACTIVITY

Reactivity: Stable under normal condition.

Chemical Stability: Data not Available.

Possibility of Hazardous Reactions: None.

Conditions to Avoid: Stable under normal condition.

Incompatible Materials: None in particular.

Hazardous Decomposition Products: None.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological Information of the Mixture:

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

Toxicological information on main components of the mixture:

Silica Sand a) Acute Toxicity LD50 Oral Rat=500 mg/kg

Zinc Oxide a) Acute Toxicity LD50 Oral Rat>5000 mg/kg

If not differently specified, the information required in the regulation and listed below must be considered as N.A.

- | | |
|-----------------------------------|---------------------------------------|
| a) Acute Toxicity. | b) Skin Corrosion/Irritation. |
| c) Serious Eye Damage/Irritation. | d) Respiratory or Skin Sensitisation. |
| e) Germ Cell Mutagenicity. | f) Carcinogenicity. |
| g) Reproductive Toxicity. | h) STOT-Single Exposure. |
| i) STOT-Repeated Exposure. | j) Aspiration Hazard. |

Substance(s) Listed on the IARC Monographs:

Silica Sand Group 1

Substance(s) Listed as OSHA Carcinogen(s): Silica Sand.

Substance(s) Listed as NIOSH Carcinogen(s): Silica Sand.

Substance(s) Listed on the NTP report on Carcinogens: Silica Sand.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

List of components with eco-toxicological properties

| Quantity | Component | Indet.Num. | Ecotox Infos |
|------------|-------------|-----------------|---|
| 0.25-0.49% | Silica Sand | CAS: 14808-60-7 | a) Aquatic acute toxicity: LC50 carp > 10000,00000 mg/L 72h |

Persistence and Degradability: N.A.

Bioaccumulative Potential: N.A.

Mobility in Soil: N.A.

Other Adverse Effects: N.A.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Waste must be handled in accordance with all federal, state, provincial, and local regulations. Consult authorities before disposal.

SECTION 14: TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

UN Number

ADR-UN Number: N.A.
 DOT-UN Number: N.A.
 IATA-Un Number: N.A.
 IMDG-Un Number: N.A.

UN Proper Shipping Name

ADR-Shipping Name: N.A.
 DOT-Proper Shipping Name: N.A.
 IATA-Technical Name: N.A.
 IMDG-Technical Name: N.A.

Transport Hazard Class(es)

ADR-Class: N.A.
 DOT-Hazard Class: N.A.
 IATA-Class: N.A.
 IMDG-Class: N.A.

Packing Group

ADR-Packing Group: N.A.
 DOT-Packing Group: N.A.
 IATA-Packing Group: N.A.
 IMDG-Packing Group: N.A.

Environmental Hazards

Marine Pollutant: No.
 Environmental Pollutant: N.A.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

N.A.

Special Precautions

Department of Transportation (DOT): N.A.
 Road and Rail (ADR-RID): N.A.
 Air (IATA): N.A.
 Sea (IMDG): N.A.

SECTION 15: REGULATORY INFORMATION

USA - Federal Regulations

TSCA - Toxic Substances Control Act

TSCA Inventory: All the components are listed on the TSCA inventory.

TSCA Listed Substances:

Silica Sand Is Listed in TSCA Section 8b
 Zinc Oxide Is Listed in TSCA Section 8b

SARA - Superfund Amendments and Reauthorization Act

Section 302 - Extremely Hazardous Substances: No Substances Listed.
 Section 304 - Hazardous Substances: No Substances Listed.
 Section 313 - Toxic Chemical List: Zinc Oxide.

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) Listed Under CERCLA: No Substances Listed.

CAA - Clean Air Act

CAA Listed Substances: No Substances Listed.

CWA - Clean Water Act

CWA Listed Substances: No Substances Listed.

USA - State Specific Regulations

California Proposition 65

Substance(s) listed under California Proposition 65:
 Silica Sand Listed as carcinogen.

Massachusetts Right to Know

Substance(s) listed under Massachusetts Right to know:
 Silica Sand Zinc Oxide.

Pennsylvania Right to Know

Substance(s) listed under Pennsylvania Right to know:
 Silica Sand Zinc Oxide.

New Jersey Right to Know

Substance(s) listed under New Jersey Right to know:
 Silica Sand Zinc Oxide.

Canada - Federal Regulations

DSL - Domestic Substances List

DSL Inventory: All the substances are listed in the DSL.

NDSL - Non Domestic Substances List

NDSL Inventory: No substances listed.

NPRI - National Pollutant Release Inventory

Substances Listed in NPRI: No substances listed.

SECTION 16: ADDITIONAL INFORMATION

| Code | Description |
|------|---|
| H350 | May cause cancer. |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life. |
| H402 | Harmful to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

Safety Data Sheet dated: 3/14/2017 - version 4.
 Product Code: 2741.

Additional Classification Information



NFPA

H350 HMIS Health: 1 = Slight.

HMIS Health - Is health hazard chronic?: Yes.

HMIS Flammability: 1 = Combustible if heated.

HMIS Reactivity: 0 = Minimal.

HMIS P.P.E.: Safety glasses, gloves.

NFPA Health: 1 = Slight.

NFPA Flammability: 1 = Combustible if heated.

NFPA Reactivity: 0 = Minimal.

NFPA Special Risk: N.A.

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. The information herein is presented in good faith and believed to be accurate as of the effective date given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

Legend to abbreviations and acronyms used in the safety data sheet:

| | |
|--------------------|--|
| ADR: | European Agreement concerning the International Carriage of Dangerous Goods by Road. |
| RID: | Regulation Concerning the International Transport of Dangerous Goods by Rail. |
| IMDG: | International Maritime Code for Dangerous Goods. |
| IATA: | International Air Transport Association. |
| IATA-DGR: | Dangerous Goods Regulation by the "International Air Transport Association" (IATA). |
| ICAO: | International Civil Aviation Organization. |
| ICAO-TI: | Technical Instructions by the "International Civil Aviation Organization" (ICAO). |
| GHS: | Globally Harmonized System of Classification and Labeling of Chemicals. |
| CLP: | Classification, Labeling, Packaging. |
| EINECS: | European Inventory of Existing Commercial Chemical Substances. |
| INCI: | International Nomenclature of Cosmetic Ingredients. |
| CAS: | Chemical Abstracts Service (division of the American Chemical Society). |
| GefStoffVO: | Ordinance on Hazardous Substances, Germany. |
| LC50: | Lethal concentration, for 50 percent of test population. |
| LD50: | Lethal dose, for 50 percent of test population. |
| DNEL: | Derived No Effect Level. |
| PNEC: | Predicted No Effect Concentration. |
| TLV: | Threshold Limiting Value. |
| TWATLV: | Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard). |
| STEL: | Short Term Exposure limit. |
| STOT: | Specific Target Organ Toxicity. |
| WGK: | German Water Hazard Class. |
| KSt: | Explosion coefficient. |