



## SILICONE-COATED RUBBER FABRIC

### 1 PRODUCT & COMPANY IDENTIFICATION

**Supplier Details:** Thermal Tech & Temp Inc.  
880 North Madison Street  
Crown Point, Indiana 46307

**Phone:** 1.800.674.9284

**Email:** info@thermaltechttemp.com  
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**Website:** www.thermaltechttemp.com

### 2 HAZARDS IDENTIFICATION

**Classification of Substance:** No applicable GHS categories.

**Label Elements:** Using the Toxicity Data listed in sections 11 and 12 the product is labeled as follows.  
No applicable GHS categories.

**[Prevention]:** No GHS prevention statements.

**[Response]:** No GHS response statements.

**[Storage]:** No GHS storage statements.

**[Disposal]:** No GHS disposal statements.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

| Ingredient/Chemical Designations | Cas Number   | Weight % | GHS Classification | Notes   |
|----------------------------------|--------------|----------|--------------------|---------|
| Amorphous Silica                 | 0007631-86-9 | 100      | Not Classified     | [1] [2] |

In withheld accordance as a trade with secret. paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been [1] [2] Substance Substance with classified a workplace with a health exposure or limit. environmental hazard.

[3] \*The full PST-substance texts of the or phrases vPvB-substance. are shown in Section 16.

## 4

### FIRST AID MEASURES

|   |  |
|---|--|
| <b>Description of First Aid Measures:</b>                           | <b>General:</b> In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.<br><b>Inhalation:</b> Remove person to fresh air, consult a physician.<br><b>Eyes:</b> Flush with cool water, if irritation persists, seek medical attention.<br><b>Skin:</b> Flush with cool water, if irritation persists, seek medical attention.<br><b>Ingestion:</b> Not available. |
| <b>Most Important Symptoms and Effects, Both Acute and Delayed:</b> | <b>Signs and Symptoms of Exposure:</b> Raspy throat, redness or itching skin and eyes.<br><b>Inhalation:</b> Through dust when cutting.<br><b>Health Hazards (Acute and Chronic):</b> <b>Acute:</b> possible mechanical irritation accompanied by itching or dermatitis. <b>Chronic:</b> None known.<br><b>Medical Conditions:</b> Generally Aggravated by Exposure: Respiratory Illnesses.  |

## 5

### FIRE FIGHTING MEASURES

|   |   |
|---|---|
| <b>Extinguishing Media:</b>                                   | Water, carbon dioxide, or dry chemical.   |
| <b>Special Hazards Arising from the Substance or Mixture:</b> | Hazardous decomposition: Carbon monoxide, carbon dioxide, hydrogen chloride vapors. |
| <b>Advice for Fire-fighters:</b>                              | <b>Unusual Fire Explosion Hazards:</b> None.  |
| <b>ERG Guide No.:</b>   | ----  |

## 6

### ACCIDENTAL RELEASE MEASURES

|   |   |
|---|---|
| <b>Personal Precautions, Protective Equipment, and Emergency Procedures:</b>            | Put on appropriate personal protective equipment (see section 8).   |
| <b>Environmental Precautions: Methods and Material for Containment and Cleaning Up:</b> | Do not allow spills to enter drains or waterways. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse. Material is a solid.<br><b>Waste Disposal Method:</b> Burial in a federal or state-approved landfill. |

## 7

### HANDLING AND STORAGE

|   |  |
|---|--|
| <b>Precautions for Safe Handling: Conditions for Safe Storage, Including any Incompatibilities:</b> | Use adequate material handling equipment.<br>Handle containers carefully to prevent damage and spillage. Incompatible materials: Avoid contact with strong oxidizing agents. |
| <b>Specific End Use(s):</b>   | No data available.   |

**Control Parameters:**

|                |                    | <b>Exposure:</b> |                               |
|----------------|--------------------|------------------|-------------------------------|
| <b>Cas No.</b> | <b>Ingredient:</b> | <b>Source:</b>   | <b>Value:</b>                 |
| 0007631-86-9   | Amorphous Silica   | OSHA             | TWA 20 mppcf (80 mg/m3/%SiO2) |
|                |                    | ACGIH            | No Established Limit          |
|                |                    | NIOSH            | ITWA 6 mg/m3                  |
|                |                    | Supplier         | No Established Limit          |

**Carcinogen Data:**

| <b>Cas No.</b> | <b>Ingredient:</b> | <b>Source:</b> | <b>Value:</b>  |
|----------------|--------------------|----------------|--|
| 0007631-86-9   | Amorphous Silica   | OSHA           | Select Carcinogen: No  |
|                |                    | NTP            | Known: No; Suspected: No   |
|                |                    | IARC           | Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No |

**Exposure Controls:****Respiratory:** Dust mask.**Eyes:** Use safety goggles.**Skin:** Protective long-sleeved clothing. Cotton gloves.**Engineering Controls:**

None Required.

**Other Work Practices:**

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

|   |                |  |                                     |
|---|----------------|--|-------------------------------------|
| <b>Appearance:</b>                              | Tan Solid      | <b>Upper/Lower Flammability or Explosive Limits:</b>     | Lower Explosive Limit: Not Measured |
| <b>Odor:</b>                                    | Odorless       | <b>Vapor Pressure (Pa):</b>                              | Upper Explosive Limit: Not Measured |
| <b>Odor Threshold:</b>                          | Not Determined | <b>Vapor Density:</b>                                    | Not Measured                        |
| <b>pH:</b>                                      | Not Measured   | <b>Specific Gravity:</b>                                 | Not Measured                        |
| <b>Melting Point / Freezing Point:</b>          | 1700C          | <b>Solubility in Water:</b>                              | (H2O=1): 2.2                        |
| <b>Initial Boiling Point and Boiling Range:</b> | Not Measured   | <b>Partition Coefficient n-octanol/ water (Log Kow):</b> | Negligible                          |
| <b>Flash Point:</b>                             | Not Measured   | <b>Auto-Ignition Temperature:</b>                        | Not Measured                        |
| <b>Evaporation Rate (Ether = 1)</b>             | Not Measured   | <b>Decomposition Temperature:</b>                        | Not Measured                        |
| <b>Flammability (Solid, Gas)</b>                | Not Applicable | <b>Viscosity (cSt):</b>                                  | Not Measured                        |

|  |  |
|--|--|
| <b>Reactivity:</b>                         | Hazardous Polymerization will not occur.                   |
| <b>Chemical Stability:</b>                 | Stable under normal circumstances.                         |
| <b>Possibility of Hazardous Reactions:</b> | No data available.   |
| <b>Conditions to Avoid:</b>                | No data available.   |
| <b>Incompatible Materials:</b>             | Avoid contact with strong oxidizing agents.                |
| <b>Hazardous Decomposition Products:</b>   | Carbon monoxide, carbon dioxide, hydrogen chloride vapors. |

| Ingredient                     | Oral LD50,<br>mg/kg              | Skin LD50,<br>mg/kg               | Inhalation<br>Vapor LC50,<br>mg/L/4hr | Inhalation<br>Dust/Mist LC50,<br>mg/L/4hr | Inhalation<br>Gas LC50,<br>ppm |
|--------------------------------|----------------------------------|-----------------------------------|---------------------------------------|---|--------------------------------|
| Amorphous Silica - (7631-86-9) | 5,110.00, Rat -<br>Category: N/A | 5,000.00, Rabbit -<br>Category: 5 | No data<br>available                  | No data<br>available                      | No data<br>available           |

Note: When no route-specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

| Classification                | Hazard Description |
|-------------------------------|--------------------|
| Acute Toxicity (Oral)         | N/A                |
| Acute Toxicity (Dermal)       | N/A                |
| Acute Toxicity (Inhalation)   | N/A                |
| Skin Corrosion/Irritation     | N/A                |
| Serious Eye Damage/Irritation | N/A                |
| Respiratory Sensitization     | N/A                |
| Skin Sensitization            | N/A                |
| Germ Cell Mutagenicity        | N/A                |
| Carcinogenicity               | N/A                |
| Reproductive Toxicity         | N/A                |
| STOT-Single Exposure          | N/A                |
| STOT-Repeated Exposure        | N/A                |
| Aspiration Hazard             | N/A                |

| Ingredient                     | Aquatic Ecotoxicity      |                               |  |
|--------------------------------|--------------------------|-------------------------------|--|
|                                | 96 hr LC50 Fish,<br>mg/l | 48 hr EC50 Crustacea,<br>mg/l | ErC50 Algae,<br>mg/l                       |
| Amorphous Silica - (7631-86-9) | 10,000.00 Danio rerio    | 10,000 Daphnia magna          | 10,000 (72 hr),<br>Scenedesmus subspicatus |

|  |  |
|--|--|
| <b>Toxicity:</b>                               | No additional information provided for this product. See Section 3 for chemical-specific data. |
| <b>Persistence and Degradability:</b>          | There is no data available on the preparation itself.  |
| <b>Bioaccumulative Potential:</b>              | Not measured.  |
| <b>Mobility in Soil:</b>                       | No data available.   |
| <b>Results of PBT and vPvB<br/>Assessment:</b> | The product contains no PBT/vPvB chemicals.  |
| <b>Other Adverse Effects:</b>                  | No data available.   |

**Waste Treatment Methods:** Observe all federal, state and local regulations when disposing of this substance.

|                                      |   |  |                                 |
|--------------------------------------|---|--|---------------------------------|
| <b>UN Number:</b>                    | <b>DOT (Domestic Surface Transportation):</b><br>Not Applicable (N/A) | <b>IMO/IMDG (Ocean Transportation):</b><br>Not Regulated (N/R) | <b>ICAO/IATA:</b><br>N/R        |
| <b>UN Proper Shipping Name:</b>      | N/R   | N/R  | N/R                             |
| <b>Transport Hazard Class(es):</b>   | <b>DOT Hazard Class:</b><br>N/A                                       | <b>IMDG:</b><br>N/A<br>Sub Class: N/A                          | <b>Air Class:</b><br>N/A<br>N/A |
| <b>Packing Group:</b>                | N/A   | N/A  | N/A                             |
| <b>Environmental Hazards:</b>        | IMDG – Marine Pollutant: No   |  |                                 |
| <b>Special Precautions for User:</b> | No Further Information.   |  |                                 |

|  |   |
|--|---|
| <b>Regulatory Overview:</b>                              | The regulatory data in Section 15 isn't intended to be all-inclusive, only selected regulations are represented.                                |
| <b>Toxic Substance Control Act (TSCA):</b>               | All components of this material are either listed or exempt from listing on the TSCA Inventory.   |
| <b>WHMIS Classification:</b>                             | Not regulated.  |
| <b>US EPA Tier II Hazards:</b>                           | <b>Fire:</b> No<br><b>Sudden Release of Pressure:</b> No<br><b>Reactive:</b> No<br><b>Immediate (Acute):</b> No<br><b>Delayed (Chronic):</b> No |
| <b>EPCRA 311/312 Chemicals and RQs:</b>                  | No To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.                                   |
| <b>EPCRA 302 Extremely Hazardous:</b>                    | No To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.                                   |
| <b>EPCRA 313 Toxic Chemicals:</b>                        | No To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.                                   |
| <b>Proposition 65 - Carcinogens (&gt;0.0%):</b>          | No To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.                                   |
| <b>Proposition 65 - Developmental Toxins (&gt;0.0%):</b> | No To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.                                   |
| <b>Proposition 65 - Female Repro Toxins (&gt;0.0%):</b>  | No To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.                                   |
| <b>Proposition 65 - Male Repro Toxins (&gt;0.0%):</b>    | No To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.                                   |
| <b>New Jersey RTK Substances (&gt;1 %):</b>              | No To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.                                   |
| <b>Pennsylvania RTK Substances (&gt;1%):</b>             | Amorphous Silica  |

|                    |  |
|--------------------|--|
| <b>Disclaimer:</b> | Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s). |
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