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**TTT-TUFFCOAT-2.0**

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**1 PRODUCT & COMPANY IDENTIFICATION**

**Product Identifier:** TTT-TUFFCOAT-2.0  
**Common Name:** Tuffcoat 2.0  
**SDS Number:**  
**Revision Date:** 07/30/2021  
**Supplier Details:** Thermal Tech & Temp Inc.  
880 North Madison Street  
Crown Point, Indiana 46307  
**Contact:** Thermal Tech & Temp Inc. Office  
**Phone:** 1.800.674.9284  
**Email:** info@thermaltechtemp.com  
sales@thermaltechtemp.com  
**Website:** www.thermaltechtemp.com

**2 HAZARDS IDENTIFICATION**

**Primary Routes of Exposure:** Skin, eye contact, and inhalation  
**Acute Health Hazards:** Inhalation of dust and fibers may result in irritation of the upper respiratory tract (mouth, nose, and throat)  
Skin contact with dust and fibers may produce itching and temporary mechanical irritation.  
Eye contact with fibers and dust may produce temporary mechanical irritation.  
Temporary mechanical irritation of the digestive tract. Observe the individual, and if symptoms develop, consult a physician.  
**Chronic Health Hazards:** There are no known health effects associated with chronic exposure to this product.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

CAS #	Chemical Ingredients	
	%	Chemical Name
65997-17-3		Fibrous Glass
63394-02-5		Silicone Rubber

**Fibrous Glass:** Yarn, white in color, no odor  
**Silicone Rubber:** Various colors, completely polymerized, no odor

## 4

### FIRST AID MEASURES

<b>Inhalation:</b>	Move individual to fresh air. Seek medical attention if irritation persists.
<b>Skin Contact:</b>	Wash with mild soap and running water. Use a washcloth to help remove fibers. To avoid further irritation do not rub or scratch irritated areas. Rubbing or scratching may force fibers into the skin. Seek medical attention if irritation persists.
<b>Eye Contact:</b>	Flush eyes with flowing water for at least 15 minutes. Seek medical attention if irritation persists.
<b>Ingestion:</b>	Do not induce vomiting, drink plenty of water.

## 5

### FIRE FIGHTING MEASURES

<b>Extinguishing Media:</b>	Water, foam, carbon dioxide, dry chemical
<b>Special Fire Fighting Procedures:</b>	In a sustained fire, self-contained breathing apparatus should be worn.
<b>Unusual Fire and Explosion Hazards:</b>	If material ignites, toxic and irritating gasses will be emitted.

## 6

### ACCIDENTAL RELEASE MEASURES

<b>Action to take for Spills:</b>	Avoid creating airborne dust. Follow routine housekeeping procedures. If sweeping is necessary, use a dust suppressant and place material in closed containers. Do not use compressed air for clean-up. Personnel should wear gloves, goggles, and an approved respirator. Avoid clean-up procedures that could result in water pollution.
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## 7

### HANDLING AND STORAGE

<b>Handling:</b>	Follow all SDS/label precautions.
<b>Storage:</b>	No special precautions are necessary.

## 8

### EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Ventilation:</b>	General dilution ventilation and/or local exhaust ventilation should be provided. Adequate ventilation must be provided at elevated temperatures.
<b>Respiratory Protection:</b>	A properly fitted NIOSH/MHSA approved disposable dust respirator such as the 3M model 8710 or model 9900 (in high humidity environments) or equivalent should be used when: high dust levels are encountered; the level of glass fibers in the air exceeds the OSHA permissible exposure limits; or if irritation occurs. Use respiratory protection in accordance with your company's respiratory protection program and OSHA regulations under 29 CFR 1910.134.
<b>Eye Protection:</b>	Safety glasses, goggles, or face shields should be worn whenever fiberglass materials are being handled.
<b>Protective Clothing:</b>	Wear a loose-fitting, long-sleeved shirt that covers the base of the neck and long pants. SKin irritation from exposure to fiberglass is known to occur chiefly at pressure points such as around the neck, wrist, and waist. Wear gloves when handling the product.
<b>Work/Hygienic Practices:</b>	Handle in accordance with good industrial hygiene and safety practices: avoid unnecessary exposure to dust and fibers; remove fibers from the skin after exposure; be careful not to rub or scratch irritated areas; Rubbing or scratching may force the fibers into the skin; The fibers should be washed off; Use of barrier creams can in some instances, be helpful; Use vacuum equipment to remove fibers and dust from clothing; Compressed air should never be used; Always wash work clothes separately and wipe out the washer/sink in order to prevent loose glass fibers from getting on other clothes; Keep the work area clean of any specks of dust and fibers generated during fabrication; Use vacuum equipment to clean up dust and fibers; Avoid sweeping or using compressed air as these techniques resuspend dust and fibers into the air; Have access to safety showers and eyewash fountains; For professional use only; Keep out of children's reach.

## 9

## PHYSICAL AND CHEMICAL PROPERTIES

<b>Melting Point:</b>	Not measured
<b>Boiling Point:</b>	N/A
<b>Specific Gravity:</b>	Not measured
<b>Percent Volatile:</b>	N/A
<b>Vapor Pressure (mm Hg):</b>	N/A
<b>Vapor Density:</b>	N/A
<b>Solubility in Water:</b>	Not soluble
<b>Appearance and Odor:</b>	Brick red with no odor
<b>pH:</b>	N/A

## 10

## STABILITY AND REACTIVITY

<b>Stability (Conditions to Avoid):</b>	The product is stable.
<b>Incompatibility (Materials to Avoid):</b>	None known.
<b>Hazardous Decomposition Products:</b>	Sizing, binders, or coatings may decompose in a fire. Primary decomposition products include carbon monoxide, carbon dioxide, HCl, and other hydrocarbons, and water.
<b>Hazardous Polymerization:</b>	Will not occur.

## 11

## TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	None
<b>Irritability:</b>	Fiberglass dust may cause irritation to the skin and eye. Ingestion of fiberglass may cause irritation to the throat, stomach, and gastrointestinal tract. Inhalation may cause coughing, sneezing, and nose and throat irritation. Experience indicates that inhalation of a large amount of fiberglass may cause difficulty in breathing, congestion, and chest tightness.
<b>Carcinogenicity:</b>	The International Agency for Research on Cancer (IARC), an agency of the World Health Organization (WHO), has determined that fiberglass is a non-carcinogenic material because the evidence is inadequate to prove that fiberglass can cause humans and experimental animals to develop cancer.

## 12

## ECOLOGICAL INFORMATION

No data is available for this product. Fiberglass products are not listed as material harmful to animals, plants, and fish.

## 13

## DISPOSAL CONSIDERATIONS

<b>RCRA Hazard Class:</b>	Non-hazardous
<b>Disposal Instructions:</b>	Dispose of in accordance with federal, state, and local regulations as solid waste.

## 14

## TRANSPORT INFORMATION

<b>Classification and Code of Hazards:</b>	None
<b>Packing Instructions:</b>	No UN code, packing mark, packing category, or packing method is required.
<b>Transport Instructions:</b>	Rolling and moisture should be avoided in transit.

<b>Acute Health:</b>	Yes
<b>Chronic Health:</b>	No
<b>Fire Hazard:</b>	No
<b>Pressure Hazard:</b>	No
<b>Reactivity Hazard</b>	No
<b>Reportable Ingredients:</b>	None
<b>Clean Air Act:</b>	No ingredient is listed
<b>WHMIS (Canada) Status:</b>	No controlled
<b>WHMIS classifications:</b>	None

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