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		Issue Date:
	Product Name – Fiberglass Fire Door	Revision Date 12-01-13

***** Section 1 - Product and Company Identification *****

Manufacturer/Importer Information

Therma-Tru Corporation
108 RE Jones Road
Butler IN, 46721

Emergency Phone: CHEMTREC, U.S. : (800) 424-930
International: (703) 527-3887 (703) 527-3887

Product Identifier

Fiberglass Fire Doors

Recommended Use

Article

Restrictions on Use

None

***** Section 2 – Hazards Identification *****

GHS Classification

Class Category-None

GHS Label Elements

Symbol(s)- None

Signal Word - None

Hazard Statements- None

Precautionary Statements

Prevention

None

Response

None

Storage

None

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***** Section 3 – Composition / Information on Ingredients *****

Part #	Component	Percent/ Quantity
NA	Fiberglass	15-70
PORTCEMITYIII	Portland Cement Type III	33-70
EPSBEADS	EPS Beads	0-48
WATER-CEMENT	Water/Cement Mixture for HWF	12-25
WATER-FOAM	Water/ Foam Mixture for HWF	4-7
NC534	Accelerator NC 534	2-3
FIBER	Fiber for HWF	0-1
FOAMCONCEN	Foam Concentrate	0-1
WATERRED1000	Water Reducer	0-1

***** Section 4 – First Aid Measures *****

First Aid: Eyes

Dust in the eyes: Particles or fibers may cause slight discomfort similar to getting dust in the eye. Flush thoroughly with water for at least 15 minutes. Get medical attention if any discomfort continues.

First Aid: Skin

Contact with dust: Particles or fibers may cause slight discomfort similar to rubbing sand against the skin. Wash with soap and water. Get medical attention if any discomfort continues.

First Aid: Ingestion

No specific first aid measures noted.

First Aid: Inhalation

In case of inhalation of dust or fumes: Get medical attention if any discomfort continues.

***** Section 5 – Fire Fighting Measures *****

General Fire Hazards

Fiberglass composite dust (from cutting operations) on and around equipment can be readily ignited and present a potential fire risk. High concentrations of fiberglass composite dust in the air can explode if exposed to flame, sparks, or other ignition sources. High concentrations on EPS Beads fine dust may cause a catastrophic explosive air-dust mixture. See Section 9 for Flammability Properties.

Hazardous Combustion Products

Carbon monoxide, carbon dioxide, and nitrogen oxides (NOx).

Extinguishing Media

Use extinguishing media suitable for the material, preferably or, any extinguisher suitable for Class B fires, extinguish with foam, carbon dioxide CO₂, dry powder or water fog.

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Unsuitable Extinguishing Media

None

Fire Fighting Equipment/Instructions

Self-contained breathing apparatus and full protective clothing should be worn when fighting chemical fires.

***** Section 6 – Accidental Release Measures *****

Recovery and Neutralization

No information available.

Materials and Methods for Clean-Up

For waste disposal see section 13 of the SDS.

Emergency Measures

In its manufactured and shipped state, this product is considered to present low hazard. Processing may generate dusts and fumes with the below listed potential health effects.

Personal Precautions and Protective Equipment

No special precautions are necessary beyond normal good hygiene practices. See Section 8 of the SDS for additional personal protection advice when handling or cutting this product.

Environmental Precautions

No specific precautions.

Prevention of Secondary Hazards

None

***** Section 7 – Handling and Storage *****

Handling Procedures

Use work methods which minimize dust production. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands after handling. Observe good industrial hygiene practices.

Storage Procedures

Store away from incompatible materials. Read and follow manufacturer's recommendations

Incompatibilities

None

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***** Section 8 – Exposure Controls / Personal Protection *****

Component Exposure Limits

Component	OSHA PEL	ACGIH TLV	NIOSH
EPS Beads			
-n-Pentane	1,000ppm, 2,950mg/m ³	600ppm	120ppm, 350mg/m ³
			610ppm, 1,800mg/m ³ (Ceiling)
			1,500ppm IDLH
-Isopentane		600ppm	
Foam Concentrate			
-Hexylene Glycol	25ppm	25ppm	
-Ferrous Sulfate	1.0mg/m ³	1.0mg/m ³	
--Zinc Oxide	10mg/m ³	10mg/m ³	
Fibercast			
-Total Dust	15mg/m ³	10mg/m ³	
-Respirable Dust	5mg/m ³		

Engineering Measures

Provide sufficient ventilation for operations causing dust formation. Observe occupational exposure limits and minimize the risk of exposure to a minimum.

Personal Protective Equipment: Respiratory

When engineering controls are not sufficient to lower exposure levels below the applicable exposure limit, use a NIOSH approved respirator for dusts

Personal Protective Equipment: Hands

Abrasion resistant gloves when handling doors with cut edges

Personal Protective Equipment: Eyes

No specific precautions

Personal Protective Equipment: Skin and Body

No specific precautions.

***** Section 9 – Physical & Chemical Properties *****

Appearance:	Fiberglass Door	Odor:	Odorless
Physical State:	Solid	pH:	ND
Vapor Pressure:	NA	Vapor Density:	NA
Boiling Point:	NA	Melting Point:	ND
Solubility (H₂O):	Insoluble	Specific Gravity:	< 1
Evaporation Rate:	ND	VOC:	ND
Octanol/H₂O Coeff.:	ND	Flash Point:	NA
Flash Point Method:	NA	Upper Flammability Limit (UFL):	NA
Lower Flammability Limit (LFL):	NA	Burning Rate:	ND
Auto Ignition Temperature	NA		

NA –Not applicable

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*** Section 10 – Chemical Stability & Reactivity Information ***

Chemical Stability

Stable under normal temperature conditions.

Hazardous Reaction Potential

Hazardous polymerization does not occur.

Conditions to Avoid

No specific precautions.

Incompatible Products

Not available

Hazardous Decomposition Products

No data available.

*** Section 11 – Toxicological Information ***

Acute Toxicity

A: General Product Information

Under normal conditions of intended use, this material does not pose a risk to health

B: Component Analysis - LD50/LC50

Not available

Potential Health Effects: Skin Corrosion Property

None

Potential Health Effects: Eye Critical Damage

None

Potential Health Effects: Ingestion

None

Potential Health Effects: Inhalation

None

Respiratory Organs Sensitization/Skin Sensitization

This product is not reported to have any skin sensitization effects.

Generative Cell Mutagenicity

This product is not reported to have any mutagenic effects.

Carcinogenicity

A: General Product Information

This product is not reported to have any carcinogenic effects.

B: Component Carcinogenicity

Not applicable

Reproductive Toxicity

This product is not reported to have any reproductive toxicity effects.

Specified Target Organ General Toxicity: Single Exposure

This product is not reported to have any specific target organ effects.

Specified Target Organ General Toxicity: Repeated Exposure

This product is not reported to have any specific target organ repeat effects.

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Aspiration Respiratory Organs Hazard

This product is not reported to have any aspiration hazard

***** Section 12 – Ecological Information *****

Ecotoxicity

A: General Product Information

This product is not expected to be hazardous to the environment.

B: Component Analysis - Ecotoxicity – Aquatic and Terrestrial Toxicity

No ecotoxicity data are available for this product's components.

Persistence/Degradability

No information available.

Bioaccumulation

No information available.

Mobility in Soil

No information available

***** Section 13 – Disposal Considerations *****

Waste Disposal Instructions

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

Disposal of Contaminated Containers or Packaging

Dispose of contents/container in accordance with local/regional/national/international regulations.

***** Section 14 – Transportation Information *****

DOT/IATA/IMDG/TDG Information:

This product is not regulated as a hazardous material or dangerous goods

***** Section 15 – Regulatory Information *****

Regulatory Information

Component Analysis

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):
Foam Concentrate- Components Listed

US EPCRA (SARA Title III) Section 313
NC534- Components Listed

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US EPCRA (SARA Title III) Section 311/312
 Foam Concentrate- Components Listed
 NC534- Components Listed
 WATERRED1000- Component Listed

Canada- Controlled Product Regulations (CPR)
 EPS Beads- Components Controlled
 Fibercast- Components Controlled

Inventory status

Country(s) or region Inventory name On inventory (yes/no)*

Australia Australian Inventory of Chemical Substances (AICS)	No
Canada Domestic Substances List (DSL)	Yes- Fibercast, EPS Beads
Europe European List of Notified Chemical Substances (ELINCS)	Yes- EPS Beads
Japan Inventory of Existing and New Chemical Substances (ENCS)	No
Korea Existing Chemicals List (ECL)	No
United States & Puerto Rico Toxic Substances Control Act (TSCA)	Yes- All

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

Canada- Canadian Environmental Protection Agency (CEPA):

EPS Beads- Components Listed

US – New Jersey Community RTK:

EPS Beads- Components Listed

NC534- Components Listed

US – Pennsylvania RTK:

EPS Beads- Components Listed

***** Section 16 – Other Information *****

Further information

HMIS® is a registered trade and service mark of the NPCA. I - Safety Glasses, Gloves, Dust, Vapor Respirator

Disclaimer

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