	Safety Data Sheet	SDS No. -001
	Product Name – Steel Doors and Sidelites	Issue Date:
		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

Steel doors and Sidelites

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



Safety Data Sheet

SDS No. -001

Issue Date:

Product Name – Steel Doors and Sidelites

Revision Date 12-01-13

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

CAS #	Component	Percent
7439-96-5	Manganese	30
NA	Urethane Foam	30
7439-89-6	Iron	6
NA	Steel	50-75
NA	Polyurethane Foam	10-25
NA	Wood	0-15
NA	Composite	0-10

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

First Aid: Eyes

Dust in the eyes: Flush thoroughly with water for at least 15 minutes. Get medical attention if any discomfort continues

First Aid: Skin

Contact with dust: 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

Piles of urethane or fiberglass composite dust (from cutting operations) on and around equipment can be readily ignited and present a potential fire risk. High concentrations of polyurethane or fiberglass composite dust in the air can explode if exposed to flame, sparks, or other ignition sources. See Section 9 for Flammability Properties.

Hazardous Combustion Products

Carbon monoxide, carbon dioxide. 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.

Unsuitable Extinguishing Media

None

Fire Fighting Equipment/Instructions

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



Safety Data Sheet

SDS No. -001

Issue Date:

Product Name – Steel Doors and Sidelites

Revision Date 12-01-13

*** 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 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

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

Component Exposure Limits

Component	Type	Value	Form
ACGIH			
Manganese(7439-96-5)	TWA	1mg/m3	Fume
		1mg/m3	
Wood Dust*	TWA	0.5mg/m3	Dust (Western red Cedar)
Wood Dust*	TWA	1mg/m3	Dust
US- OSHA			
Manganese(7439-96-5)	Ceiling	5mg/m3	
		5mg/m3	Fume
	TWA	5mg/m3	Fume
Wood Dust*	TWA	15mg/m3	Dust
NIOSH			
Wood Dust*	REL	1mg/m3	Dust
Canada- All Provinces			
Manganese(7439-96-5)	TWA	.1 mg/m3	Fume
		.1 mg/m3	

*Wood Dust levels are related to cutting of wood



Safety Data Sheet

SDS No. -001

Issue Date:

Product Name – Steel Doors and Sidelites

Revision Date 12-01-13

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:	Painted steel door	Odor:	Odorless
Physical State:	Solid	pH:	NA
Vapor Pressure:	NA	Vapor Density:	NA
Boiling Point:	NA	Melting Point:	NA
Solubility (H2O):	NA	Specific Gravity:	< 1
Evaporation Rate:	NA	VOC:	NA
Octanol/H2O Coeff.:	NA	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

*** 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

Strong acids

Hazardous Decomposition Products

No data available.

	<h1 style="margin: 0;">Safety Data Sheet</h1>	SDS No. -001
		Issue Date:
	Product Name – Steel Doors and Sidelites	Revision Date 12-01-13

*** 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

Exposure to particles from cutting operations may cause mechanical irritation of eyes

Potential Health Effects: Ingestion

None

Potential Health Effects: Inhalation

. Inhalation of metal fumes may cause chronic diseases or disorders of the respiratory system.

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.

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.

	<h1>Safety Data Sheet</h1>	SDS No. -001
		Issue Date:
Product Name – Steel Doors and Sidelites		Revision Date 12-01-13

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

US federal regulations

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration

Manganese (CAS 7439-96-5) 1.0 %

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

Manganese (CAS 7439-96-5) Listed.

CERCLA (Superfund) reportable quantity (lbs)

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
 Immediate Hazard - No
 Delayed Hazard - Yes
 Fire Hazard - No
 Pressure Hazard - No
 Reactivity Hazard - No

Section 302 extremely hazardous substance **No**

Section 311 hazardous chemical **Yes**

Drug Enforcement Agency (DEA) Not Controlled



Safety Data Sheet

SDS No. -001

Issue Date:

Product Name – Steel Doors and Sidelites

Revision Date 12-01-13

WHMIS status Non-controlled
WHMIS labeling

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)	No
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

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

State regulations

US - New Jersey Community RTK (EHS Survey): Reportable threshold

Manganese (CAS 7439-96-5) 500 LBS

US - Pennsylvania RTK - Hazardous Substances: All compounds of this substance are considered environmental hazards

Manganese (CAS 7439-96-5) LISTED

US - Pennsylvania RTK - Hazardous Substances: Listed substance

Manganese (CAS 7439-96-5) Listed.

WARNING: Modifications or machining of this product can release wood dust, a substance known to the State of California to cause cancer.

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

Further information	HMIS® is a registered trade and service mark of the NPCA. I - Safety Glasses, Gloves, Dust, Vapor Respirator
HMIS® ratings	Health: 0 Flammability: 0 Physical hazard: 0
NFPA ratings	Health: 0 Flammability: 0 Instability: 0

	<h1>Safety Data Sheet</h1>	SDS No. -001
		Issue Date:
	Product Name – Steel Doors and Sidelites	Revision Date 12-01-13

Disclaimer

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.