SAFETY DATA SHEET
Emergency Phone: Chemtrec 800-424-9300

SDS Name: Thermal Design, Inc. – Liner System
(Simple Saver System®, MBI Safety Liner System™, EnergyCraft® Insulation System,
Utility Saver System™)
Issue Date: June 1, 2016

SECTION 1 – PRODUCT AND COMPANY INFORMATION
SDS Name: Thermal Design, Inc. – Liner System
(Simple Saver System®, MBI Safety Liner System™, EnergyCraft® Insulation System,
Utility Saver System™)
Company: Thermal Design, Inc., 601 N Main St, Madison, NE 68748
Company Phone: 402-454-6591

SECTION 2 – HAZARDS IDENTIFICATION
These products should not present a health or safety hazard under recommended or normal use. The flame retardant does not contain Decabromodiphenyl Ether (decaBDE). It is recommended that these products not be used for the collection and/or containment of potable water. Direct contact with food should also be avoided.

Eye/Skin Contact: Prolonged or repetitive contact can cause abrasion and irritation. Contact with molten product will burn unprotected skin and eyes. Should a burn occur, cool burn area immediately with cool, clean, running water until no heat is emitted from burn area. Cover with light, dry dressing. Do not apply oily ointments or puncture blisters. Obtain medical assistance.

Inhalation: Avoid breathing dust, it may cause irritation if exposure is prolonged or excessive.

Ingestion: Products should not be eaten, nor used as food wrapping. May cause irritation to throat, mouth and stomach.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS
Ingredients: Polyethylene
C.A.S. Number / Weight: None / 100%

SECTION 4 – FIRST AID MEASURES
If in contact with not or molten plastic, treat the affected area with cool water and seek medical attention.

SECTION 5 – FIRE FIGHTING MEASURES
Extinguishing Media: Water spray, dry chemical, foam.
Special Fire Fighting Procedures: Wear full protective equipment and a self-contained breathing apparatus.
Unusual fire and explosion hazards: IPG FRU and FRU polyethylene fabrics are flame retardant, but will melt or char when exposed to heat or open flame. Avoid contact with molten, dripping plastic. When heated to decomposition, product emits acrid smoke or irritating fumes.

SECTION 6 – ACCIDENTAL RELEASE MEASURES
Personal precautions, protective equipment and emergency procedures: Not Applicable.
Environmental precautions: Not Applicable.
Cleanup methods and materials: Not Applicable.

SECTION 7 – HANDLING AND STORAGE
Safe Handling: Products may be slippery to walk on when wet. Charges of static electricity may be generated during handling and processing.
Safe Storage: Products are best kept in weather tight conditions and not exposed to sunlight during storage. Do not store by heat, flame or sources of ignition.
SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION
Exposure limits: Not Applicable.
Engineering controls: Not Applicable.
Eye protection: Not Applicable.
Skin protection: Not Applicable.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES
Color: Varies by product.
Physical Form: Solid.
Melting Range: Decomposes before boiling.
Density: 0.91 – 0.97
Vapor Pressure: Not Applicable.
Vapor Density: Not Applicable.
Evaporation Rate: Not Applicable.
Solubility in Water: Nil.

SECTION 10 – STABILITY AND REACTIVITY
Stability: Stable
Conditions to avoid: Temperatures above 175°F (80°C). Heat, flames and sources of ignition.
Hazardous polymerization: Not anticipated, under normal use.
Hazardous decomposition: Carbon monoxide, carbon dioxide, oxides of nitrogen and hydrocarbons may be generated during thermal decomposition and combustion.

SECTION 11 – TOXICOLOGICAL INFORMATION
Exposure to hazardous chemicals is not anticipated with normal use.

SECTION 12 – ECOLOGICAL INFORMATION
Not Applicable.

SECTION 13 – DISPOSAL INFORMATION
Disposed of in a sanitary landfill or incinerated. Check local regulations before disposal.

SECTION 14 – TRANSPORT INFORMATION
These products are not regulated per U.S. DOT, IATA or IMO.

SECTION 15 – REGULATORY INFORMATION
Chemical inventories: These products are articles as per TSCA regulations, and therefore exempt from TSCA inventory listing requirements.
U.S. Federal regulations: Contact Thermal Design, Inc.
State regulations: Contact Thermal Design, Inc.
International regulations: Contact Thermal Design, Inc.

SECTION 16 – OTHER INFORMATION
National Fire Protection Associations (NFPA) Hazard Classification
Health: 0
Flammability: 1
Reactivity: 0
Special Hazards: None.

The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. The manufacturer MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. Given the variety of factors that can affect the use and application of this product, many of which are solely within the user’s knowledge and control, the user is responsible for determining whether the manufacturer of this product is fit for a particular purpose and suitable for users' method of use or application. It is essential that the user evaluate this product, not the manufacturer, to determine whether it is fit for a particular purpose and suitable for users' method of use or application.