

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 an/or repetitive contact can cause abrasion an 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 aflame retardant, but will melt an/or char when exposed to heat or open flame. Avoid contact with molten, dripping plastic. When heated to decomposition, product emits acrid smoke an 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 maybe slippery to walk on when wet. Charges of static electricity may be generated during handing 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.

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