



MSDS Number: 171

Version: 1.0

SAFETY DATA SHEET

Prepared in accordance with Regulation (EC) No. 1907/2006

1.0 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: Tgard 300

Product Use: Thermal insulator. For specific application advice, see the appropriate Technical Data Sheet or consult our company representative.

Supplier: Laird Technologies
4707 Detroit Road
Cleveland, OH 44102

Telephone Number: 216-939-2300

Emergency Number: 216-939-2300

Email Address: clv-customerservice@lairdtech.com

Date of Issue: December 14, 2012

2. HAZARDS IDENTIFICATION

Classification for Supply: Xi; R43, R36/38, irritating to eyes and skin

Health Hazards: The material may cause sensitization by skin contact and may be irritating to the eyes.

3. COMPOSITION/INFORMATION OF INGREDIENTS

Not a hazardous substance or mixture according to the EC-directives 67/548/EEC or 1999/45/EC.

4. FIRST AID MEASURES

Ingestion: Rinse mouth with water several times.

Skin Contact: Prolonged contact may cause irritation. Wash with soap and water.

Inhalation: Not likely to occur under normal use.

Eyes Contact: Mildly irritating. May cause redness or watering of eyes on direct contact.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Carbon dioxide (CO₂), dry powder, foam, water fog.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, nitrogen oxides and hydrocarbons.

Unusual Fire/Explosion Hazards: None identified

Special Protective Equipment for Fire Fighters: Fire fighting personnel should wear positive pressure self-contained breathing apparatus for protection from decomposition products such as carbon monoxide, nitrogen oxides, phenols, and cyanides.

6. ACCIDENTIAL RELEASE MEASURES

Personal Precautions: Wear safety glasses and nitrile gloves.

Environmental Precaution: No special environmental precautions required.

Methods for Clean Up: Sweep up spilled material and put in an approved container such as a steel or plastic drum.

7. HANDLING AND STORAGE

Handling: Wash hands thoroughly after handling this material.

Storage: Keep containers tightly closed. Keep containers in a cool, well-ventilated area.

Not Suitable: Prolonged exposure to elevated temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limit Values: This product does not have any assigned PELs.

Exposure Controls: No special ventilation requirements if good ventilation is maintained.

Hygiene Measures: Wash hands after handling this product and before eating, smoking, using the restroom, and at the end of the day.

Personal Protective Equipment:

Respiratory Protection: Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation. In case of insufficient ventilation, wear a respiratory equipped with an organic vapor cartridge.

Skin and Body: No special requirements beyond normal work clothes to protect skin and body

Hands: Wear protective gloves if prolonged or repeated contact is likely. Wear chemical resistant gloves. Nitrile gloves are recommended. Protective gloves will deteriorate over time due to physical and chemical damage. Inspect and replace gloves on a regular basis. The frequency of replacement will depend upon the circumstances of use.

Eyes: Safety glasses with side shields are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid Sheet
Colour:	Yellow
Odor:	Odorless
Flash Point:	Exceeds 400°F, PMCC Method
Density:	2.71 g/cc @ 25°C
Volatile by Volume:	< 1.0%
Vapor Pressure:	Negligible
Vapor Density:	Negligible
Evaporation Rate:	Negligible
Solubility in Water @ 20°C :	Negligible

10. STABILITY AND REACTIVITY

Conditions to Avoid:	Contact with strong acids, alkali, and oxidizing materials.
Materials to Avoid:	Contact with strong acids, alkali, and oxidizing materials.
Hazardous Decomposition Products:	Hydrogen gas, carbon monoxide and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	May cause redness if accidental eye contact. Unlikely to cause harm to the skin on brief or occasional contact but prolonged or repeated exposure may lead to dermatitis. At normal temperatures this product will be unlikely to present an inhalation hazard because of its low volatility. May release formaldehyde vapors when heated to temperatures over 302°F.
Chronic Toxicity	This product contains no carcinogens or suspected carcinogens, in concentrations of 0.1% or greater, as defined by ACGIH, the International Agency of Research on Cancer (IARC) or the European Commission (EC).

12. ECOLOGICAL INFORMATION

Persistence/Degradability:	Complete information is not yet available.
Mobility:	The material is a solid sheet and not expected to readily move throughout the environment.
Bioaccumulative Potential:	This product is not expected to bioaccumulate through food chains in the environment.

Environmental Hazards: Unlikely to be harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

**Disposal Consideration/
Waste Information:** Dispose of via an authorized person/licensed waste disposal contractor in accordance with local regulations.

14. TRANSPORT INFORMATION

No classified as hazardous for transportation (ADR/RID, ADNR, IMDG, ICAO/IATA)

15. REGULATORY INFORMATION

The material does not need to be labeled in accordance with Directive 1999/45/EC, or Annex VI to 67/548/EEC.

16. OTHER INFORMATION

NOTICE: The information herein is based on data considered to be accurate at date of preparation. No warranty is made as to the accuracy or completeness of the foregoing data and safety information. No responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.