

## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Turbo Sheet

Product Description: 16 mil composite HDPE sheet, with or without geo-textile backing

Supplier's details: Re-Systems Group, USA

430 Oak Grove St. STE 410

Minneapolis, MN 55403

612.872.1900 (Mon.-Fri., 8:00a.m.-5:00p.m. Central Time)

612.872.1902 FAX

Revision Date: September 25, 2009

Name of Preparer: Eric Henjum

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### 2. PRODUCT INGREDIENTS

Formulae:

Proprietary Formulation

Chemical Family:

Polyethylene Copolymer and Polyester

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### 3. HAZARDS IDENTIFICATION

This Material Safety Data Sheet has been prepared in compliance with the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. This product does not contain ingredients which would be considered to be a hazardous chemical under that standard.

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### 4. FIRST AID MEASURES

Inhalation:

Effect: Considered a non-respirable solid. No significant irritation expected other than possible mechanical irritation at room temperature. Irritating vapors to respiratory system may form when product is processed at elevated temperatures.

First Aid: If adverse effect occurs, remove person(s) to uncontaminated area. Get medical attention.

Protection: None ordinarily required

Skin:

Effect: No significant irritation expected other than possible mechanical irritation at room temperature. Skin contact with molten or heated product can cause serious burns.

First Aid: Wash exposed skin with soap and water. Obtain medical attention if skin is burned or blistered.

Protection: None ordinarily required. However, use of protective gloves/clothing is good industrial practice.

Eye:

Effect: No significant irritation expected other than possible mechanical irritation at room temperature. Irritating vapors may form when product is processed at elevated temperatures.

First Aid: Flush eyes with plenty of water if irritation occurs.

Protection: None ordinarily required.

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## 5. FIRE-FIGHTING MEASURES

Flash Point: 646 Deg. F - ASTM E-136

Fire Fighting Procedures:

Individuals should perform only those fire fighting procedures for which they are trained. Avoid inhalation of vapors. Wear self-contained breathing apparatus when fire fighting in confined area.

Fire Extinguishing Media:

Water Spray, Foam, Dry Chemical, or CO<sub>2</sub>

Unusual Fire and Explosion Hazard:

Fire may produce toxic gas and dense smoke.

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## 6. HANDLING AND STORAGE

Storage Requirements: No special requirements.

Spill or Leak: Contain and remove by mechanical means.

Waste Disposal: Disposal must be in accordance with applicable Federal, State or Local Regulations

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## 7. EXPOSURE CONTROLS / PERSONAL PROTECTION

PEL (OSHA Permissible Exposure Limits):

No OSHA PEL has been established for this product family.

TLV (ACGIH Threshold Limit Value):

No ACSIN TLV has been established for this product family.

Protective Clothing:

None ordinarily required. However, use of protective gloves/clothing and safety glasses meeting the specification of ANSI Standard Z87.1 is good industrial practice.

Respiratory Protection:

None ordinarily required. Adequate ventilation and/or engineering controls are required when product is heated in processing.

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#### 8. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	Not applicable
Melting Point:	250°F to 320°F
Vapor Pressure:	Not applicable
Water Solubility:	Insoluble
Specific Gravity:	0.92 to 0.97
Product Appearance:	Ribbed surface with various film colors including green, white and black.
Product Odor:	Odorless

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#### 9. STABILITY AND REACTIVITY

Dangerous Reactions:	None Identified.
Hazardous Decomposition:	Thermal decomposition can produce carbon monoxide, carbon dioxide, and small amounts of aliphatic and aromatic hydrocarbons.
Stability:	Stable.
Incompatibility (Materials to Avoid)	Avoid Strong Oxidizing Agents

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#### 10. TRANSPORT INFORMATION

DOT Classification:	Not hazardous by DOT regulations..
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#### 11. REGULATORY INFORMATION

##### Sara Title III Statement:

Sara Title III Section 302:

Extremely Hazardous Substance(s):           None.

Sara Title III Section 313:

This product does not contain toxic chemicals above the Deminims levels as listed, which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (Emergency Planning and Community Right-to-Know Act and 40 CFR part 372).

This information must be included in all MSDS that are copied and distributed for this material. Do not copy this Material Safety Data Sheet in part --- You must copy, distribute and use the entire material Safety Data Sheet.

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#### 12. OTHER INFORMATION

Re-Systems Group believes the information contained in this MSDS to be accurate and correct based on information provided to Re-Systems Group by raw materials suppliers. This Material Safety Data Sheet supersedes any previously dated MSDS and contains the most accurate, up-to-date information available. No Warranty of Merchantability, fitness for any particular purpose, or any other warranty, express or implied, is made as concerns the information herein provided. It is the responsibility of the user to determine the conditions of safe use for this product.