

# MATERIAL SAFETY DATA SHEET

REEF INDUSTRIES, INC.

**HMIS CODES:**

HEALTH: 0  
FLAMMABILITY: 1  
REACTIVITY: 0

PAGE: 1 of 2  
PREPARED: 7/21/06  
SUPERSEDES: 4/1/03

---

**SECTION 1 PRODUCT AND COMPANY IDENTIFICATION**

---

**PRODUCT NAME:** BANNERGUARD: 2 mil, 4 mil, 6 mil film, SSII  
**CHEMICAL FAMILY:** Polyethylene and Ethylene-Olefin Copolymer

**CONTACT ADDRESS:** Reef Industries, Inc.  
9209 Almeda Genoa Road  
Houston, Texas 77075

**EMERGENCY TELEPHONE NUMBERS:** (713) 507-4349 (24 Hours)  
(713) 507-4200 (8:00 - 5:00 Central Time)

---

**SECTION 2 HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**

---

This product is not hazardous as defined in 29 CFR1910.1200.

---

**SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS**

---

<b>Boiling Point:</b>	NA	<b>Specific Gravity (Water = 1):</b>	0.92 - 0.97
<b>Vapor Pressure (mm Hg.):</b>	NA	<b>Melting Point:</b> °F	215-280 °F
<b>Vapor Density (Air = 1):</b>	NA	<b>Evaporation Rate:</b>	NA
<b>Solubility in Water:</b>	Insoluble	<b>Appearance and Odor:</b>	Thin film or laminate, odorless

---

**SECTION 4 FIRE AND EXPLOSION HAZARD DATA**

---

<b>Flash Point (Method Used):</b> 650 Deg. F ASTM E-136	<b>Flammable Limits:</b>	<b>LEL</b> NA	<b>UEL</b> NA
--	--------------------------	------------------	------------------

**Extinguishing Media:** Water spray, Foam, Dry Chemical, or CO<sub>2</sub>.

**Special Fire Fighting Procedures:**  
Fire fighters should be equipped with self-contained breathing apparatus when fighting fires involving this material.

**Unusual Fire and Explosion Hazards:**  
Fire may produce irritating gases and dense smoke.

---

**SECTION 5 REACTIVITY DATA**

---

<b>Stability:</b>	Stable.	<b>Incompatibility (Materials to Avoid):</b>	None.
-------------------	---------	--	-------

**Hazardous Decomposition or Byproducts:**  
CO<sub>2</sub> and CO when subjected to flames or excessive heat.

**BANNERGUARD: 2 mil, 4 mil, 6 mil, SSII**

**PAGE: 2 of 2**

---

**Hazardous Polymerization:** Will not occur.

---

**SECTION 6 HEALTH HAZARD DATA**

---

**Primary Route(s) of Entry:**                      **Inhalation?** No                      **Absorption?** No                      **Ingestion?** No

---

**Health Hazards (Acute and Chronic):**

Inhalation: None at ambient temperatures ( -18 to +38 degrees C).

Absorption: None.

Ingestion: No significant health hazards identified.

---

**Carcinogenicity:**                      **NTP?** None.                      **IARC Monographs?** None.                      **OSHA Regulated?**  
None.

---

**Signs and Symptoms of Exposure:**

Inhalation: N/A.

Absorption: N/A.

Ingestion: N/A.

---

**Medical Conditions Generally Aggravated by Exposure:**

Inhalation: None.

Absorption: None.

Ingestion: None.

---

**Emergency and First Aid Procedures:**

Inhalation: N/A.

Absorption: N/A.

Ingestion: None.

---

**SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE**

---

**Steps to Be Taken in Case Material Is Released or Spilled:** N/A.

**Waste Disposal Method:** N/A.

---

**Precautions to Be Taken in Handling and Storage:** N/A.

---

**Other Precautions:** N/A.

---

**SECTION 8 CONTROL MEASURES**

---

**Respiratory Protection:** None.

---

**Ventilation:** None.

---

**Protective Gloves:** N/A.

**Eye Protection:** N/A.

---

**Other Protective Clothing and Equipment:** N/A.

---

**THE INFORMATION PROVIDED RELATES TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS. INFORMATION PROVIDED IS TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ACCURATE AND RELIABLE AS OF THE DATE PREPARED.**

**NO REPRESENTATION, WARRANTY OR GUARANTEE IS MADE AS TO ITS ACCURACY, RELIABILITY OR COMPLETENESS. IT IS THE USER'S RESPONSIBILITY TO DETERMINE FOR HIS/HERSELF THE SUITABILITY AND COMPLETENESS OF SUCH INFORMATION. REEF INDUSTRIES, INC. DOES NOT ACCEPT LIABILITY FOR ANY LOSS OR DAMAGE WHICH MAY OCCUR FROM THE USE OF THIS INFORMATION.**