

REEF INDUSTRIES INC
MATERIAL SAFETY DATA SHEET
Griffolyn TX1200 Antimicrobial

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATIONS AND OF THE COMPANY UNDERTAKING

Product Name: Griffolyn TX 1200 Antimicrobial, TX 1600 Antimicrobial
Product Description: Reinforced Flexible Plastic Sheeting
Manufacturer/Supplier: Reef Industries Inc. 9209 Almeda Genoa Road Houston, TX 77075
Phone Number: (800) 231-6074 (Monday – Friday 8:00 am to 5:00 pm)
24 Hr Number: 713 507-4349
Revision Date: 31 May 2011
MSDS Date: 3 March 2011

Safety Data Sheet according to OSHA's Hazcom Standard (29 CFR 1910.1200)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Polyethylene/polyolefin films with Polyester fibers

Component Name	CAS#/Codes
Linear Low Density Polyethylene	25087-34-7
Low Density Polyethylene	24937-78-8
Zinc Compounds	N.A.

3. HAZARDS IDENTIFICATION

Emergency Overview Plastic films with polyester reinforced.

This product contains a proprietary blend of components encapsulated within a polymer matrix. One or more of these components are considered to be hazardous chemicals per 29 CFR 1910.1200. Under normal conditions of usage, is not likely to cause adverse health effects. However should conditions exist where dusts or fumes are generated from this product, they could be hazardous. See Sections 8 for more details.

Potential Health Effects

Eyes; May cause irritation if exposed to fumes from burning material

Skin: No adverse affects to skin under normal ambient conditions. If heated to elevated temperatures, contact may cause thermal burns.

Ingestion: Not likely to be ingested in present form. Very low toxicity if particles are swallowed, may cause choking.

Inhalation: Vapors/fumes released during high heat or burning of product may cause respiratory irritation. Should not breathe fumes if this occurs. Product is not intended for high heat applications, product cannot be inhaled in solid state at ambient temperature.

Acute Health Hazards: None. Does not apply.

4. FIRST AID MEASURES

Eyes

Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

Skin

REEF INDUSTRIES INC
MATERIAL SAFETY DATA SHEET
Griffolyn TX1200 Antimicrobial

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Polyethylene films with multifilament reinforcement.

Color: white or black depending on film color.

Odor: typical polyethylene odor

PH: Not applicable

Specific Gravity: .895 - .965

Boiling Range/Point (°C/F): Not applicable

Melting Point (°C/F): 90-135 °C

Flash Point (PMCC) (°C/F): Not known

Vapor Pressure: Not applicable

Vapor Density: (Air=1) Not applicable

Solubility in Water: Nil, Insoluble

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Conditions to Avoid

Temperatures above 288 degrees C (550 degrees F)

Materials to Avoid

None known

Hazardous Decomposition Products

Hydrocarbon oxidation products - oxides of carbon - zinc oxides - hydrocarbons - aldehydes - oligomers- smoke - acrid fumes.

11. TOXICOLOGICAL INFORMATION

Toxicological Information: No information available.

12. ECOLOGICAL INFORMATION

Ecological Information: Not Applicable.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable local and national regulations.

14. TRANSPORT INFORMATION

DOT CFR 172.101 Data

Transportation (IATA)

Not Regulated

15. REGULATORY INFORMATION

NFPA Ratings

NFPA Code for Flammability -1

NFPA Code for Health -1

NFPA Code for Reactivity -0

NFPA Code for Special Hazards - 0

SARA/Title III: This product contains a toxic chemical for routine and annual toxic chemical release reporting under Section 313 (40 CFR 372) Zinc Compounds less than 4% by weight.

REEF INDUSTRIES INC
MATERIAL SAFETY DATA SHEET
Griffolyn TX1200 Antimicrobial

16. OTHER INFORMATION

Abbreviations

N/A: Denotes no applicable information found or available

CAS#: Chemical Abstracts Service Number

ACGIH: American Conference of Governmental Industrial Hygienists

OSHA: Occupational Safety and Health Administration

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

NTP: National Toxicology Program

IARC: International Agency for Research on Cancer

The information and recommendations presented in this MSDS are based on sources believed to be accurate. Reef Industries Incorporation assumes no liability for the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of the material for their particular purposes. In particular, we make NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, with respect to such information, and we assume no liability resulting from its use. Users should ensure that any use or disposal of the material is in accordance with applicable Federal, State, and local laws and regulations.