

REEF INDUSTRIES INC
SAFETY DATA SHEET
ARMORLON® AT-300 FR

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

Product Name: Armorlon® AT-300 FR
Product Description: Reinforced Flexible PVC 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: 30 December 2024 **Revision:** 2
SDS Date: 1 April 2013

Safety Data Sheet according to OSHA's Hazcom Standard (1910.1200 App C)

2. HAZARDS IDENTIFICATION

Emergency Overview Plastic films with polyester reinforced. Not considered Hazardous

Potential Health Effects

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

Skin: No adverse effects 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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PVC coated or laminated polyester woven fabric.

Component Name	CAS#/Codes
Polyvinyl Chloride, PVC	9002-86-2
Polyester fibers	80595-68-2

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

If molten material comes in contact with skin, cool under ice water or running stream of water. Do not attempt to remove the material from the skin as this may result in severe tissue damage. Seek medical attention immediately.

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Ingestion

If swallowed seek medical attention. May cause gastrointestinal blockage. Obtain medical attention immediately.

Inhalation

If fumes from the burning product are inhaled, move the individual to an area with fresh air immediately. Seek medical evaluation if symptoms persist or worsen.

Advice to Physicians

Treat symptomatically.

5. FIRE -FIGHTING MEASURES

Flammable limits in Air, UPPER: Not Applicable
(% By Volume) LOWER: Not applicable

Flash Point: Not Available

Autoignition Temperature: Not Available

Extinguishing Media: Water spray, carbon dioxide.

Unusual Fire and Explosion Hazard: Fire will generate Hydrogen Chloride gas, benzene, water, carbon monoxide, carbon dioxide and smoke.

Hazardous Decomposition Products: Not Applicable.

Advice on protection against fire and explosion: Keep away from open flames, hot surfaces, and sources of ignition. Take precautionary measures against static discharge.

6. ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Not Applicable.

7. HANDLING AND STORAGE

Use safe handling practices to avoid physical injury. Storage class (TRGS 510): 11: Combustible Solids

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Not applicable

Ventilation: Not Applicable

Respiratory Protection: Not applicable

Eye Protection: Not applicable

Skin Protection: Not applicable

Exposure Guidelines: Not applicable

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Flexible PVC material with scrim reinforcement.

Color: Blue, black, and more depending on vinyl color.

Odor: typical PVC odor

PH: Not applicable

Specific Gravity: 1.2-1.4

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

Melting Point (°C/F): Degrades at 250-300 degrees F.

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

-Heat -High temperatures

Materials to Avoid

None known.

Hazardous Decomposition Products

Hydrogen Chloride gas, a respiratory irritant is emitted at elevated temperatures.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Low order of acute toxicity.

Chronic Toxicity/Carcinogenicity

This product is not expected to cause long term adverse health effects.

Genotoxicity

This product is not expected to cause any mutagenic effects.

Reproductive/Developmental Toxicity

This product is not expected to cause adverse reproductive effects.

12. ECOLOGICAL INFORMATION

Mobility

No relevant studies identified.

Persistence/Degradability

No relevant studies identified.

Bioaccumulation

No relevant studies identified

Ecotoxicity

The product may be harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

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

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14. TRANSPORT INFORMATION

DOT CFR 172.101 Data

Transportation (IATA)

Not Regulated

Further information Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

NFPA Ratings

NFPA Code for Flammability -1

NFPA Code for Health -0

NFPA Code for Reactivity -0

NFPA Code for Special Hazards - 0

TSCA (40 CFR 710) Polyvinyl Chloride is listed in the TSCA Inventory

EPA SARA Title III: None

CERCLA: None

WHMIS Class: Not Regulated - Manufactured Article

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

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