

REEF INDUSTRIES INC
MATERIAL SAFETY DATA SHEET
ARMORLON A-20

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

Product Name: Armorlon A-20
Product Description: Coated woven scrim
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: 6 June 2011
MSDS Date: 21 July 2006

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

2. COMPOSITION/INFORMATION ON INGREDIENTS

Clear or pigment coated woven scrim

Component Name	CAS#/Codes
Linear Low Density Polyethylene	25087-34-7
Low Density Polyethylene	24937-78-8
High Density Polyethylene	9002-88-4

3. 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 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

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.

REEF INDUSTRIES INC
MATERIAL SAFETY DATA SHEET
ARMORLON A-20

Ingestion

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

Inhalation

Remove person to fresh air if fumes are inhaled from burning product. Seek medical attention if symptoms persist.

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 and dry chemical.

Unusual Fire and Explosion Hazard: Hydrocarbon oxidation products including CO and CO2 can be formed during combustion.

Hazardous Decomposition Products: Not Applicable.

6. ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES Not Applicable.

7. HANDLING AND STORAGE

Use safe handling practices to avoid physical Injury

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: coated flexible woven material

Color: Clear, 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

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MATERIAL SAFETY DATA SHEET
ARMORLON A-20

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

-Heat -High temperatures

Materials to Avoid

None known

Hazardous Decomposition Products

Hydrocarbon oxidation products - oxides of carbon - 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 -0
NFPA Code for Reactivity -0
NFPA Code for Special Hazards - 0

WHMIS Class: Not Regulated - Manufactured Article

In accordance with SARA 302, 304, this product contains the following chemicals subject to reporting: None

CERCLA Section 103 Because no constituents of the plastic film is released to the environment under normal conditions of use, it is not subject to reporting.

In accordance with California Proposition 65, this product contains the following registered chemicals: Antimony and Arsenic compounds in a film.

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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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