



MATERIAL SAFETY DATA SHEET

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YOUNGBO AMERICA, INC.
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(714) 375-1744

PRODUCT NAME: CROSSLINKED POLYETHYLENE FOAM

**Artilon®, EPilon® AND YOUNGBOARD®
(NATURAL OR COLOR)**

Effective Date: 01/01/99 Date Printed: 01/03/00

1. **INGREDIENTS: (% w/w unless otherwise noted)**

Polyethylene Foam	80 - 100%
Color Concentration in Polyethylene	0 - 2%
Urazole	0 - 0.02%
Cyanuric Acid	0 - 0.01%
Antimony trioxide (in case of NR)	0 - 1.5%
Decarbormodiphenyl Oxide (in case of NR)	0 - 4.5%
Vynyl Acetate	18%

2. **PHYSICAL CHARACTERISTICS**

Boiling Point: Not applicable
Vapor Pressure: Not applicable
Vapor Density: Not applicable
Solubility in water: insoluble
Specific Gravity: Density 29.7 36.3g/l
Melting Point: None
Evaporation Rate: None
Appearance: Cellular Plastics Foam
Odor: No odor

3. **FIRE AND EXPLOSION HAZARD DATA**

Flash Point: Not applicable
Extinguishing Media: Use water or N2 gas
Special Fire Fighting Procedures: No unusual fire or explosion hazards. It is required avoidance of possible ignition sources.

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4 REACTIVITY DATA

Conditions to avoid: Avoid fire and temperature over 625F, 329C.

Incompatibility (materials to avoid): Gasoline, Cyclohexane, Ether, Ketone, Paraffin, Xylene.

Hazardous Decomposition or Byproducts: Combustion conditions may release fumes hydrogen bormide and/or other toxic vapors.

Hazardous Polymerization: will not occur.

5 HEALTH HAZARD DATA

A) Skin: Essentially non-irritating to skin.

B) Inhalation: Dust/fumes generated during thermal forming or slicing. It may cause eye and respiratory irritation.

C) Ingestion: Ingestion is unlikely due to physical state. Physical injury only. May cause choking if swallowed.

6 EMERGENCY AND FIRST AID PROCEDURES

Eye: Wash with flowing water for a minimum of 5 minutes.

Skin: wash with soap and water.

Ingestion: No adverse effects anticipated by this route of exposure incidental to proper industrial handling. In the event this does occur induce vomiting and promptly call physician.

Inhalation: Remove to fresh air.

7 PRECAUTIONS FOR SAFE HANDLING AND USE

Waste Disposal Method: Destruction by fire.

SPECIAL PROTECTION INFORMATION

A) Ventilation: Provide general and/or local exhaust ventilation to control airborne levels.

B) Skin Protection: No skin protection should be needed.

C) Eye Protection: No eye protection should be needed.

D) Precaution to be taken in handling and storage: Avoid breathing vapors during thermal forming or slicing.

Store in dry area protected from external source of heat and direct sunlight.