



GREEN TO THE CORE

MATERIAL SAFETY DATA SHEET — 10 Sections

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Ainacore Rigid Polyisocyanurate Foam			
Product Use Core Material for Composites, Insulation			
Manufacturer's Name Malama Composites, Inc.		Supplier's Name Same	
Street Address 10326 Roselle St. #103		Street Address	
City San Diego		Province CA	Province
Postal Code 92121	Emergency Telephone 858-622-9963		Emergency Telephone
Date MSDS Prepared 12 October 2009		MSDS Prepared By N. McMahon	Phone Number

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients					
Polymerized polyurethane modified polyisocyanurate cellular plastic					
Proprietary formulation using Rubinate M and Soy polyols					
<small>Route of Entry</small>	<small>Skin Contact</small>	<small>Skin Absorption</small>	<small>Eye Contact</small>	<small>Inhalation</small>	<small>Ingestion</small>
Blowing Agent - water					

No No Yes Yes No

Carcinogenicity - none

Potential Health Effects
Dust may cause respiratory irritation
Essentially non-irritating to the skin
Ingestion not likely due to physical properties

SECTION 3 — HEALTH HAZARDS IDENTIFICATION

No No Yes Yes No

Carcinogenicity - none

Potential Health Effects
Dust may cause respiratory irritation
Essentially non-irritating to the skin
Ingestion not likely due to physical properties



SECTION 4 — FIRST AID MEASURES

Skin Contact

No skin protection is normally required

Eye Contact

Use safety goggles to prevent exposure to dust particles

Inhalation

Respiratory protection should be approved air purifying respirator or approved dust respirator

Ingestion

Not likely due to physical properties

SECTION 5 — FIRE AND EXPLOSION HAZARD DATA

Auto-ignition

600 – 800 Degrees F.

Means of Extinction

Water, Carbon Dioxide, Foam or Dry Chemicals

Fire Fighting Procedures

Full emergency equipment with self contained breathing apparatus should be worn by firefighters

Unusual Hazards

Dust – to reduce explosion potential; do not permit dust to accumulate

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Eyes – irrigate with water; Skin – wash off with flowing water; ingestion – no adverse effects anticipated;

Inhalation – move to fresh air, if effects occur consult a physician.

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING

Store foam with adequate aisle ways to permit access to all areas.

Smoking, open flame, or other ignition should not be allowed in foam storage or handling areas

Don't allow dust or scrap to accumulate

Keep work areas clean and orderly

SECTION 8 — REACTIVITY DATA

Stable at typical use temperatures

SECTION 9 — DISPOSAL

Disposal should be done in accordance to good industrial practice and environmental protection regulations

Incineration or bury in an approved landfill according to local, state, and federal regulations

Surface photo degradation is expected upon exposure to ultraviolet light

SECTION 10 — OTHER INFORMATION

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING

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This MSDS replaces all previous versions for this product

12 October, 2009