



# Safety Data Sheet

AK 50.00  
January 01, 2015

Page 1 of 7

---

---

## Section 1: PRODUCT AND COMPANY IDENTIFICATION

---

Omega Products International  
P.O. Box 77220  
Corona, CA 92877-0107

Company Phone Number: 1-951-737-7447  
Emergency Phone Number: 1-951-737-7447 or 1-800-600-6634

Product Name: AkroFlex Reinforcing Mesh, AkroGuard Fabric, and Omega Reinforcing Mesh

Issue Date: January 01, 2015

---

---

## Section 2: HAZARDS IDENTIFICATION

---

### 2.1 Emergency Overview

**Appearance:** White Continuous Filament



#### **WARNING**

Harmful if inhaled (Category 4)  
Causes eye irritation (Category 2B)  
Causes mild skin irritation (Category 3)

### 2.2 Potential Health Effects

**Relevant routes of exposure:** Eye contact, skin contact, inhalation, and ingestion

#### **Potential Acute Health Effects:**

**Eye:** Direct contact will cause mechanical irritation.

**Skin:** Transient mechanical irritation. Occasionally there might be skin irritation noted by individuals who are initially exposed to fiberglass.

**Inhalation:** Mechanical irritation of the mouth, nose, and throat.

**Ingestion:** Observe individual. If symptoms of GI irritation develop, consult a physician.

**Carcinogenicity:** Not classified as a carcinogen by IARC, NTP, and OSHA



# Safety Data Sheet

AK 50.00

Page 2 of 7

January 01, 2015

## Potential Chronic Health Effects

**Chronic effects:** None known

**Target Organs:** None

## Over-Exposure Signs/Symptoms

**Inhalation:** Adverse symptoms may include the following: respiratory tract irritation and coughing

## 2.3 Potential Environmental Effects

Not considered to be harmful to aquatic and terrestrial life.

---

---

## Section 3: COMPOSITION/INFORMATION OF INGREDIENTS

---

CAS Number	Component	Content [wt %]	
		Lower	Upper
65997-17-3	Continuous Filament Fiberglass	99.5	100

---

---

## Section 4: FIRST-AID MEASURES

---

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Check for and remove any contact lenses. Get medical attention if irritation occurs.

**Skin Contact:** Wash affected area thoroughly with soap and water for at least 15 minutes. Consult a physician or other qualified medical personnel if the condition persists.

**Inhalation:** Remove to fresh air. Check for clear airway, breathing and presence of pulse, Provide cardiopulmonary resuscitation for persons without pulse or respirations. Consult a physician or other medical personnel.

**Ingestion:** If swallowed, dilute by drinking large amounts of water, give at least 2 glasses of water to drink. Consult a physician or other qualified medical personnel. Never give anything by mouth to an unconscious person.

---

---

## Section 5: FIRE FIGHTING MEASURES

---

**Suitable Extinguishing Media:** Water Spray, carbon dioxide (CO2), dry chemical, alcohol foam.

**Unsuitable Extinguishing Media:** None



# Safety Data Sheet

AK 50.00

Page 3 of 7

January 01, 2015

**Products of Combustions:** None

**Unusual Hazards:** None

**Protection of Firefighters:** Firefighters should wear self-containing breathing apparatus (pressure demand MSHA/NIOSH approved or equivalent) and full fire-fighting turnout gear.

---

---

## Section 6: ACCIDENTAL RELEASE MEASURES

---

**Personal Precautions:** Use personal protection recommended in section 8.

**Environmental Precautions:** Keep out of drains, sewers, ditches and waterways. Minimize use of water to prevent environmental contamination.

**Methods for Containment:** Handle as a nuisance dust. Use respiratory protection if dust becomes airborne.

**Methods for Clean-Up:** Dispose of in accordance with applicable Federal, State, and Local regulations. Keep spills and runoff out of municipal sewers and open bodies of water.

---

---

## Section 7: HANDLING AND STORAGE

---

**Handling:** Do not get in eyes. Avoid contact with skin. Use in well ventilated areas. Wash thoroughly after handling.

**Storage:** Store in a cool, dry location and out of direct sunlight. Protect product from weather and other damage.

---

---

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

---

**Exposure Guidelines:**

	OSHA PEL	ACGIH TLV	NIOSH REL
Continuous Filament Fiberglass	15 mg/m <sup>3</sup> TWA	10 mg/m <sup>3</sup> TWA	3 fibers/cm <sup>3</sup>

**Engineering Controls:** Use local ventilation, if needed.

**Eye/face Protection:** Use chemical splash goggles (ANSI 287.1 or approved equivalent)

**Skin Protection:** Use rubber or neoprene gloves to provide protection against wet material.

**Respiratory Protection:** None required for normal use of this product. For extra precaution workers may use NIOSH/MSHA approved respirators for dust. As with any safety product,



# Safety Data Sheet

AK 50.00

Page 4 of 7

January 01, 2015

workers using respirators should be trained in the proper selection, use and care of such equipment.

**General Hygiene Considerations:** Wash thoroughly after handling. Have eye-wash facilities immediately available.

---

---

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

---

Color: White continuous filament

Odor: None.

Odor Threshold: Not available.

Physical State: Solid.

pH: 6-8 (water)

Freezing Point: 800°C

Boiling Point: Not applicable.

Flash Point: Noncombustible

Evaporation Rate: Not applicable.

Flammability (solid, gas): Not available.

    Upper Flammability Limit: Not available.

    Lower Flammability Limit: Not available.

Auto Ignition Temperature: Not available.

Vapor Pressure: Not available.

Vapor Density: Not available.

Specific Gravity: Not available.

Solubility (water): Slightly

Partition Coefficient (n-octanol/water): Not available.

---

---

## Section 10: STABILITY AND REACTIVITY

---

**Chemical Stability:** Stable under normal conditions of storage and use

**Conditions to Avoid:** None

**Incompatible Materials:** None

**Hazardous Decomposition Products:** None under normal conditions of storage and use.

---

---

## Section 11: TOXICOLOGICAL INFORMATION

---

**Eyes:** No specific hazard known. May cause transient irritation or alkali burns.

**Skin:** No specific hazard known; may cause transient mechanical irritation.



# Safety Data Sheet

AK 50.00

Page 5 of 7

January 01, 2015

**Inhalation:** No specific hazard known; may cause mechanical irritation of the mouth, nose, and throat.

**Ingestion:** No specific hazard known.

---

---

## Section 12: ECOLOGICAL INFORMATION

---

Aquatic Toxicity: No data available.

Terrestrial Toxicity: No data available.

Persistence and degradability:

    Mobility: No data available.

Bioaccumulation: No data available.

---

---

## Section 13: DISPOSAL CONSIDERATIONS

---

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements. The information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated.

It is the responsibility of the waste generator to determine toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

---

---

## Section 14: TRANSPORTATION INFORMATION

---

Land transport	USDOT	Not classified as a dangerous good under transport regulations
Sea transport	IMDG	Not classified as a dangerous good under transport regulations
Air transport	IATA/ICAO	Not classified as a dangerous good under transport regulations

---

---

## Section 15: REGULATORY INFORMATION

---

US regulations

HCS Classification: No target organ effects

US Federal Regulations



# Safety Data Sheet

AK 50.00

Page 6 of 7

January 01, 2015

**SARA 311/312 Classification** Immediate (acute) health hazard, Delayed (chronic) health hazard

### SARA 313 - Supplier Notification

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and Subpart C-Supplier Notification Requirement of 40 CFR Part 372.

None required.

**SARA 302 Extremely Hazardous Substances** None required.

### State Regulations

Omega Products International, Inc., as a blender of processed material in the State of California, is required by Proposition 65 to warn that one or more of the components contained in this product could contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. The State of California (Proposition 65) requires this warning in the absence of definitive testing to prove that the defined risks do not exist. We believe this product complies with all other applicable state and federal laws and regulations governing manufacture, distribution and intended use.

---

---

## Section 16: OTHER INFORMATION

---

### Hazardous Material Information System III (U.S.A.)

Health: \*

Flammability: 0

Physical Hazards: 0

Health rating applies only to acute effects as defined by the National Paint and Coatings Association)

\*See Section 2 Hazards Identification

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

### Legend

ACGIH	American Conference of Government Industrial Hygienists
-------	---



# Safety Data Sheet

AK 50.00

Page 7 of 7

January 01, 2015

HMIS	Hazardous Material Identification System
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
STEL	Short Term Exposure Limit
TWA	Time Weighted Average
NIOSH	National Institute for Occupational Safety and Health
PEL	Permissible Exposure Limit

This information is furnished without warranty, representation, inducement or license of any kind, except that it is accurate to the best of Omega Products International, Inc.'s knowledge or is obtained from sources believed to be accurate. Omega Products International, Inc. does not assume any legal responsibility for its use or reliance upon same/ Customers are encouraged to conduct their own tests. Before using any product, read its label.