

MATERIAL SAFETY DATA SHEET

AVANTI INTERNATIONAL
822 Bay Star Blvd.
Webster, TX 77598

CHEMTREC Emergency Phone: 1-800-424-9300
Product Data Information: (281) 486-5600

Date issued: February 1, 1998

IDENTIFICATION

Trade Name: AV-100 MBA Methylenebisacrylamide

Ingredient(s): N,N' Methylenebisacrylamide

Percents: ≈ 98

CAS Number: 110-26-9

OSHA PEL: N/D

ACGIH TWA: N/D

HAZARD RATINGS

NFPA: NL

PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance and Odor: Odorless, white crystalline powder.

Boiling Point: N/A

Vapor Pressure(mm Hg.): N/A

Vapor Density(Air=1): 5.31

Specific Gravity(Water = 1): 1.235 @ 86°F (30°C)

Melting Point: N/L

Evaporation Rate(Butyl Acetate=1): N/L

Solubility in Water: 3.5g/100g (86°F/30°C)

FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A

Flammable Limits: N/A

Extinguishing Media: Water spray, carbon dioxide, or dry chemical.

Special Fire Fighting Procedures: Avoid skin contamination and inhalation by wearing full protective clothing and self contained breathing apparatus.

Unusual Fire and Explosion Hazards: Dust in air may be explosive.

REACTIVITY

Stability: Stable.

Incompatibility(Materials to Avoid): Oxides of nitrogen.

Decomposition: At elevated temperatures, decomposition may occur in the release of irritating fumes.

Polymerization: Will not occur.

STORAGE, DISPOSAL AND SPILL INFORMATION

Storage and Handling: Store in a cool, dry place and away from heat. Do not leave product container open to atmosphere. Take measures not to raise dust, mist, or vapor.

Disposal Method: Incinerate in accordance with governmental regulations.

Steps to Be Taken in Case Material is Released or Spilled: Collect into a closed container and dispose of in accordance with governmental regulations. Wash out the area with plenty of water.

Other Precautions: Wear protective clothing when handling this product.

N/A =Not Applicable

N/E =Not Established

N/D =Not Determined

N/L =Not Listed

MSDS for AV-100 MBA Methylenebisacrylamide
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PRECAUTIONARY MEASURES

Respiratory Protection: NIOSH approved respirator for dust particles.

Ventilation: Local exhaust.

Protective Clothing: Long-sleeved shirt, trousers.

Eye Protection: Goggles.

Other Protective Equipment: Rubber or neoprene gloves and boots.

Work/Hygienic Practices: Shower at the end of each shift and wash contaminated clothes before re-use.

HEALTH RELATED DATA

Primary Route(s) of Entry: Skin absorption, eye contact, and inhalation.

Health Hazards: N/L

Eye Contact: N/L

Skin Contact: N/L

Inhalation: May cause drowsiness, fatigue, tingling sensations, shaking and slurred speech.

Ingestion: N/L

First Aid Procedures:

Eyes: Flush with water for 15 minutes. Consult a physician.

Skin: Wash thoroughly with soap and water. Consult a physician.

Inhalation: Remove to fresh air. Get medical attention.

Ingestion: N/L

TOXICITY DATA

LD₅₀: Oral(rat): 390 mg/kg

The information on this MSDS is accurate to the best of Avanti International's knowledge. Avanti International makes no express or implied warranty, and in no case shall be liable for consequential, special or indirect damages resulting from the use or handling of this product.

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