

MATERIAL SAFETY DATA SHEET

SECTION 1. COMPANY IDENTIFICATION

PRODUCT NUMBER: ASI #306

Supplier: American Sealants, Inc.
3806 Option Pass
Fort Wayne, IN 46818

Emergency Telephone: (800) 535-5053
Telephone Number: (260) 489-0728
Fax Number: (260) 489-0519

Product Classification: One Component Silicone Rubber Compound **Release date:** 12/01/05
Reviewed: 12/01/10

SECTION 2. COMPOSITION

Single or Mixture: Mixture
Chemical Identification: Organopolysiloxane mixture
Hazardous Component(s)/CAS No.: No hazardous materials present
(See Section 8 of this MODS for exposure Guideline)

SECTION 3. HAZARDS IDENTIFICATION

Hazard Classification: None
Fire and Explosion: None
Potential Health Effect:
Inhalation: Narcotic by evolved vapor.
Skin contact: On direct contact uncured product or its vapor may cause slight irritation to skin.
Eyes contact: On direct contact uncured product or its vapor may cause slight irritation to eyes.
Ingestion: No information is available

SECTION 4. FIRST AID MEASURES

Inhalation: Remove to fresh air
Skin contact: Immediately remove product from skin with dry cloth or towel, and wash exposed area with detergent.
Eye contact: Immediately flush with plenty of water for at least 15 minutes and promptly call a physician.
Ingestion: Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Call a physician immediately.

SECTION 5. FIRE FIGHTING MEASURES

Flash point (method used): 140°C (Open cup)
87°C (Closed cup)
Flammable Limits: [Methylethylketoxime: decomposed product]
Lower: Not measured Upper: Not measured
Extinguishing media: Foam, dry chemical carbon dioxide or fine water spray
Special Fire Fighting Procedure: Not required
Unusual Fire and Explosion Hazard: None

SECTION 6. ACCIDENTAL RELEASE MEASURES

Step to be taken in case material is released or spilled:

- Shut off all ignition sources
- Contain the spill or leak.
- Scrape up with rag or other material and place in container.

SECTION 7. HANDLING AND STORAGE

Precaution to be taken in handling and storing:

- Keep container closed when not in use.
- Store in a cool place.
- Keep away from heat, sparks and flame.
- Do not lay the container on its side.
- Use only with adequate ventilation
- Avoid prolonged breathing vapor.
- Avoid contact with eyes and skin.
- Contact lens wearers take appropriate precaution
- Keep out of reach of children.
- * * * * Information about the emptied container * * * *
- Do not re-use this container
- Keep away from heat, sparks and flame.
- Do not puncture or cut this container, and do not weld on or near this container.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

AIHA WEEL (TWA): 10 ppm

Respiratory Protection (specify type):

Use air-supplied breathing apparatus unless local exhaust ventilation is adequate or decomposed product is within AIHA guideline.

Ventilation:

Local Exhaust: Required

Mechanical (general): Adequate ventilation system

Special: Unknown

Other: Pay attention to ventilation such as local exhaust, mechanical and/or door open for at least 24 hours after application.

Protective Glove: Plastic film or rubber gloves

Other Protective clothing or equipment: Eyewash equipment

Work/Hygienic practices:

- Keep away from heat, sparks and flame.
- Avoid prolonged breathing vapor.
- Avoid contact with eyes and skin.
- Wash hands after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	Not applicable
Vapor Pressure:	Negligible (25°C)
Vapor Density (air=1)	>1
Specific Gravity:	1.04 (25°C)
Melting Point:	Not applicable
Evaporation Rate:	<1 (Butyl Acetate=1)
Solubility in Water:	Not soluble

Appearance (color): Clear
Appearance (form): Flowable
Odor: Oxime odor

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable (But it will not vigorously polymerize, decompose, condense, or will not become self-reactive under conditions of shocks pressure or temperature.)
Condition of Avoid: Exposure to air or moisture until ready to use - Causes curing and methylethylketoxime vapors form gradually.
Incompatibility (materials to avoid): Water or moisture
Hazardous Decomposition or By-Product: Methylethylketoxime (Flammable liquid)
Hazardous Polymerization: Will not occur
Condition to Avoid: None:

SECTION 11. TOXICOLOGICAL INFORMATION

Skin irritation: No information is available
See Other Information
Eye Irritation: No information is available
See Other Information
Sensitization: No information is available
See Other Information
Acute Toxicity (LD50) No information is available
See Other Information
Acute Toxicity (LC50) No information is available
See Other Information
Subacute Toxicity No information is available
See Other Information
Chronic Toxicity No information is available
See Other Information
Carcinogenicity: NTP: Not listed, IARC: Not listed, OSHA Regulated: Not listed
See Other information
Mutagenicity: No information is available
See Other Information
Other Information: Additional Information
Methyl Ethyl Ketoxime (MEKO) - - - Decomposition product
Material will generate MEKO on exposure to humid air, gradually. This MEKO shows some adverse health effects in animal studies as follows.
Skin Irritation: Causes mild irritation.
Can be absorbed through the skin.
Eyes Irritation: Causes severe irritation
Acute Oral Tox: LD50 (rat) = 4 ml/kg.
Acute Inhalation Tox: LC50 (rat) = >4.8mg/l
Inhalation Tox. Shows narcotic action at high concentration
May produce blood effects.
Skin Sensitization Positive (guinea pig)
Neurotoxicity: High dose can product transient and reversible change in neurobehavioral function. NO evidence of cumulative neurotoxicity was detected.
Carcinogenicity: Liver carcinomas were observed in a lifetime inhalation study (ca.2 years) in which mice and rats were exposed.
These carcinomas were statistically increased in males at MEKO Concentration of 375 ppm. Relevance to humans is uncertain now.
Mutagenicity: Not considered mutagenic based on several in vitro and vivo

Studies.

Other Chronic Study: Degenerative effects on the olfactory epithelium of nasal passages occurred in concentration related manner in males and females of mice and rats at MEKO concentration of 15, 75 375 ppm

Workplace Environmental Exposure Level: AIHA WEEL 10 ppm (TWA)

SECTION 12 ECOLOGICAL INFORMATION

Biodegradation: Not applicable
Bioaccumulation: No information is available
Aquatic Toxicity: No information is available
Other information: None

SECTION 13 DISPOSAL CONSIDERATIONS

Can be land-filled for cured product or burned in a chemical incinerator equipped with an afterburner and scrubber.
Do not dispose the emptied container unlawfully.
Observe all federal, state and local laws.

SECTION 14. TRANSPORT INFORMATION

<IMO Information>

ID No.: None
Classification and Class: None
Packaging Group: None
Proper Shipping Name: None
Technical Shipping Name: None
Marine Pollutant: None

<DOT Information>

ID No. (49CFR 172.101): None
Hazard Class (49CFR 171.101): None
Packing Group (49CFR 172.101): None
Proper Shipping Name (49CFR 172.101): None
Technical Shipping Name: None
DOT Reportable Quantity (49CFR 172.101. APP):
Hazard substance(s) Name/ (CAS No.) Contents and RQ: Not applicable

SECTION 15. REGULATORY INFORMATION

This materials safety data sheet is offered solely for your information, consideration and investigation. The data described in this MODS consist of data on literature, our acquisitional data and analogical inference by data of similar chemical substance or product. American Sealants, Inc. provides no warranties, either express or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein.