

SAFETY DATA SHEET

ISK BIOCIDES, INC.

SECTION 1: Identification

Product identifier: Sealtite 60 Clear.
Other means of identification: Sealtite 60 Clear - Intermediate.
SDS number: ISK040
Recommended use: End coating for logs, lumber, timber and other wood products.
Recommended restrictions: None known.
Manufacturer/Importer/Supplier/Distributor information:
Company name: ISK Biocides, Inc.
Address: 416 East Brooks Road,
Memphis.
TN 38109.
Telephone: Office hours (Mon – Fri)
7:00 – 4:30pm (Central time).
(901) 344-5350 or (800) 248-7961.
Contact Person: Anthony Accampo or Gail Watson
E-mail: SDSInquiry@iskbiocides.com
Emergency phone number: Chemtrec (800) 424-9300 (24 hours).

SECTION 2: Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

Physical hazards:

No physical hazards for this product.

Health hazards:

No Health hazards for this product.

Environmental hazards

No environmental hazards for this product.

Signal word: None Required.

Hazard statement(s): None required for this product.

Hazard symbol(s): None required for this product.

Precautionary statement(s):

Prevention: None required for this product.

Response: None required for this product.

Storage: None required for this product.

Disposal: None required for this product.

Hazard(s) not otherwise

Classified (HNOC): None known.

Percentage of ingredient(s) of unknown acute toxicity:

Not applicable for this product.

SECTION 3: Composition/information on ingredients

Mixture: Coating mix of proprietary surfactant, stabilizer wax and water.

Chemical name	Concentration (weight %)	CAS#
No hazardous ingredients at the concentrations present.		

SECTION 4: First-aid Measures

Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Skin contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes. Call a poison control center or doctor for treatment advice.

Eye contact: Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Ingestion: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed: High concentrations or prolonged contact may result in stinging, redness, and tearing of the eyes. Causes weakness, excessive sweating, headache, dizziness, nausea, vomiting, difficulty in breathing. Elevated temperatures may result in vapors which can cause nasal and respiratory irritation, dizziness, nausea, headache, and weakness. Non-sensitizer. May cause skin irritation or rash on prolonged or repeated contact. Prolonged or repeated contact may result in itching, defatting, and dermatitis.

Indication of immediate medical attention and special treatment needed: If any symptoms described above are noted, contact a physician and give them this SDS sheet.

SECTION 5: Fire-fighting measures

Suitable extinguishing media: Foam, carbon dioxide, water spray, dry chemical.

Unsuitable extinguishing media: None known.

Specific hazards arising from the chemical: None Known

Hazardous combustion products may include: Oxides of Carbon and Nitrogen, plus small amounts of Ammonia, Cyanuric acid, and Cyanic acid.

Special protective equipment and precautions for fire-fighters: Cool exposed containers with water.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Methods and materials for containment and cleaning up:

SMALL SPILL: Wear appropriate protective clothing (see Section 8). Recover free liquid. Absorb remainder with sand or clay and place in a waste receptacle.

LARGE SPILL: Wear appropriate protective clothing (see Section 8). Large spills are not likely to occur. Restrict access to contaminated area. Stop spill at source. Dike to prevent spreading. Pump liquid to a recovery vessel. Absorb remainder of material with sand or clay and place in a properly labeled waste receptacle. Follow all local, state, and federal regulations for disposal. Do not contaminate water while cleaning equipment or disposing of wastes. Prohibit contamination of streams, lakes, or other bodies of water.

SECTION 7: Handling and Storage

Precautions for safe handling: Observe good personal hygiene practices. Change protective gloves/clothing when signs of contamination appear. Keep out of reach of children. Read and follow the directions on the product label; they are the best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

Conditions for safe storage, including any incompatibles: Store in a secure, well-ventilated area protected from extreme temperatures. Do not transfer to an unmarked container. Keep container closed when not in use. Do not allow to freeze. (See Section 10 for incompatibles).

SECTION 8: Exposure controls/personal protection

Control Parameters:

Occupational exposure limits:

US OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200): Permissible Exposure Limits		
Substance	PEL-TWA (8 hour)	PEL-STEL (15 min)
Sealtite 60	None available	None available

ACGIH Threshold Limit Values		
Substance	TLV-TWA (8 hour)	TLV-STEL (15 min)
Sealtite 60	None available	None available

Other Exposure Limits: None available.

Appropriate engineering controls: None normally required, use local exhaust if necessary. Good industrial hygiene practice dictates that indoor work areas should be isolated and provided with adequate local exhaust ventilation.

Individual protection measures, such as personal protective equipment:

Eye/face protection: Wear chemical splash goggles and/or face shield during mixing and when exposed to mist.

Skin and Hand protection: Wear rubber gloves when handling, using, or applying this product. Special precautions should be taken to ensure that material cannot get inside gloves.

Respiratory protection: None normally required if good ventilation is maintained. If mist is generated during application process, use a disposable mist respirator.

Other: None normally required. Use as necessary to prevent exposure. Safety showers and eyewash stations should be provided in all areas in which this product is stored and/or handled. Persons exposed routinely to this material should shower prior to leaving work each day. Work clothing should be changed daily.

Thermal hazards: None known.

SECTION 9: Physical and chemical properties

Appearance:

Physical state:	Liquid.
Form:	Viscous white to pale yellow liquid.
Color:	White to pale yellow.

Odor: Faint amine.

Odor threshold: Not known.

pH: 8.5 – 9.5

Melting point/freezing point: 10 °F.

Initial Boiling point/Boiling Range: 212 °F.

Flash point: > 140 °F PMCC.

Evaporation rate: < 1 (nBuAC=1).

Flammability (solid, gas): Not available.

Upper/lower flammability or explosive limits

Flammability limit – lower: Non-Combustible. Limits Not Applicable.

Flammability limit – upper: Non-Combustible. Limits Not Applicable.

Explosive limit – lower: Non-Combustible. Limits Not Applicable.

Explosive limit – upper: Non-Combustible. Limits Not Applicable.

Vapor pressure: > 1 mm Hg.

Vapor density: > 1 (air = 1).

Relative density (Specific gravity): 0.97

Solubilities (water, other): Disperses.

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

Auto-ignition temperature: Not known.

Decomposition temperature: Not available.

Viscosity: 1000 - 1600 cPs Brookfield #3 @ 20 rpm at 70°F.

Other information:

Bulk density: 8.1 lbs per gal (weight per gallon cup).

VOC: 52 g/L – 0.43 lbs/gal – 5.3 weight %

SECTION 10: Stability and Reactivity

Reactivity: Stable.

Chemical stability: This material is stable under normal handling and storage conditions.

Possibility of hazardous reactions: Material is not known to polymerize.

Conditions to avoid: Temperatures below freezing, 32°F/0°C.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition Products: Oxides of Carbon and Nitrogen, plus small amounts of Ammonia, Cyanuric acid, and Cyanic acid.

SECTION 11: Toxicological information

Information on likely routes of exposure:

Inhalation: Negligible hazard expected at ambient temperatures. Elevated temperatures may result in vapors which can cause nasal and respiratory irritation,

dizziness, nausea, headache, and weakness.

Ingestion: Can cause weakness, excessive sweating, headache, dizziness, nausea, vomiting and difficulty in breathing.

Skin: Non-sensitizer. May cause skin irritation or rash on prolonged or repeated contact. Prolonged or repeated contact may result in itching, defatting, and dermatitis.

Eye: High concentrations or prolonged contact may result in stinging, redness, and tearing of the eyes. Can cause severe irritation and irreversible eye damage on prolonged contact.

Symptoms related to the physical, chemical, and toxicological characteristics: None known.

Delayed and immediate effects and chronic effects from short or long-term exposure: None known.

Acute toxicity:

Ingredient Information:

Substance	Test Type (species)	Value
Not applicable	LD ₅₀ Oral (Rat)	Not available
	LD ₅₀ Dermal (Rabbit)	Not available
	LC ₅₀ Inhalation (Rat)	Not available

Product Acute Toxicity Estimates:

Oral: Rat - LD₅₀ - > 5000 mg/kg.

Dermal: Rat - LD₅₀ - > 2000 mg/kg but less than 20000 mg/kg.

Inhalation (4h): Rat - LC₅₀ - 20 mg/l approximately.

This toxicity data is based on studies conducted on primary raw materials.

Skin corrosion/irritation: Based upon information available on the known components, the product may cause skin irritation or rash on prolonged or repeated contact.

Serious eye damage/eye irritation: Based upon information available on the known components, the product may cause eye irritation or rash on prolonged or high concentrations.

Respiratory sensitization: Based upon information available on the known components, the product is not anticipated to cause respiratory sensitization.

Skin sensitization: Based upon information available on the known components, the product is not anticipated to cause skin sensitization.

Germ cell mutagenicity: Based upon information available on the known components, the product is not anticipated to cause germ cell mutagenicity.

Carcinogenicity: Based upon information available on the known components, the product is not anticipated to be carcinogenic.

Reproductive toxicity: Based upon information available on the known components, the product contains a component known to cause birth defects or other reproductive harm when a vapor (Methanol).

**Specific target organ toxicity-
Single exposure:** Based upon information available on the known components, the product is not anticipated to cause specific target organ toxicity after a single exposure.

**Specific target organ toxicity-
Repeat exposure:** Based upon information available on the known components, the product is not anticipated to cause specific target organ toxicity after repeated or prolonged exposure.

Aspiration hazard: Based upon information available on the known components, the product is not anticipated to be an aspiration hazard.

Further information: Not available.

SECTION 12: Ecological information

Ecotoxicity

Product data: No data available.

Ingredient Information:

Substance	Test Type	Species	Value
Sealtite 60	LC ₅₀	Fish	Not available
	EC ₅₀	Invertebrate	Not available
	LC ₅₀	Algae	Not available

Persistence and degradability: Not available.
Bioaccumulative potential: Not available.
Mobility in soil: Not available.
Mobility in general: Not available.
Other adverse effects: None expected.

SECTION 13: Disposal considerations

Disposal instructions:

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility in accordance with all Federal, State, and local regulations.

SECTION 14: Transport Information

DOT: Not regulated under DOT.
IATA: Not regulated under IATA.
IMDG: Not regulated under IMDG.

Special precautions during transport: Not available.

Bill of lading classification = Paint and related material - NMFC 149980, sub 6.

SECTION 15: Regulatory Information

USA:

United States Federal Regulations: SDS complies with the OSHA, 29 CFR 1910.1200.

SARA Superfund and Reauthorization Act of 1986 Title III sections 302, 311,312 and 313:

The following components are subject to reporting levels established by SARA Title III, Section 302: None.

CERCLA/Superfund, 40 CFR 117, 302: Not listed.

CHEMICAL	C.A.S. Number	Weight %	Section 311/312
Sealtite 60	na	< 100%	Not listed

Section 313 – List of Toxic Chemicals (40CFR 372): This product contains the following components (at level of 1% or greater) found on the 313 list of Toxic Chemicals. None.

Toxic Substance Control Act (TSCA): All components are TSCA listed.

STATE REGULATIONS:

This SDS contains specific health and safety data is applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

California Proposition 65: WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. Methanol.

INTERNATIONAL REGULATIONS:

Canadian Regulations: Not classified as hazardous under WHMIS.

Canadian Controlled Products Regulations (WHMIS): This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the SDS contains all the information required by the *Controlled Products Regulations*.

SECTION 16: Other Information

Revision Date: September 23, 2014.

The information in this Safety Data Sheet is provided in good faith and is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance and is not to be considered a warranty or quality specification. User is responsible to evaluate all available information when using product for any particular use, including, if necessary, conducting any tests needed to determine the suitability of the product for a particular use. User is also responsible for compliance with all Federal, State, Provincial and Local laws and regulations. ISK Biocides, Inc. assumes no responsibility for injury, damage or loss resulting from the use of the material. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE, INCLUDING THAT THE INFORMATION OR PRODUCT MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS, ARE MADE HEREUNDER WITH RESPECT TO THE INFORMATION OR THE PRODUCT TO WHICH THE INFORMATION REFERS.