

Material Safety Data Sheet

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Product Identification

Product Name: AV-249 FLEXSEAL AC

Composition/Ingredient Information

Ingredient Name / CAS Number	Exposure Limits	Concentration
Cocalkyldimethylamines CAS #61788-93-0	OSHA: Not established ACGIH: Not established	Trade Secret
Dibutyl Phthalate CAS #84-74-2	OSHA: 5 mg/m ³ ACGIH: Not established	Trade Secret
Polyalkyleneoxidemethylsiloxane CAS #68937-54-2	OSHA: Not established ACGIH: Not established	Trade Secret

Hazards Information

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

Health Hazards: Chronic exposure can cause sensitization to product, eye disease, neurological disorders, skin diseases and allergies.

Eye Contact: Exposures can cause irritation and burning of the eyes.

Skin Contact: Exposure can cause dermatitis.

Ingestion: Not listed.

Inhalation: Exposure can cause upper respiratory tract irritation.

First Aid Measures

Eyes: Flush with plenty of water for at least 15 minutes. Get medical attention.

Skin: Wash thoroughly with soap and water. If irritation develops, consult a physician.

Inhalation: Remove to fresh air. If breathing is difficult, administer oxygen and get medical attention.

Ingestion: Do not induce vomiting. Rinse mouth vigorously. Give 16-24 oz. of water to drink. Keep person warm and seek medical attention. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis. (Never give anything by mouth to an unconscious or convulsing person.)

Fire and Explosion Hazards

Flash Point: 338°F (170°C) COC

Flammable Limits: Not determined

Extinguishing Media: Dry chemical, carbon dioxide or foam.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing.

Unusual Fire and Explosion Hazards: Toxic fumes (carbon dioxide, carbon monoxide, nitrogen oxides) are released in fire situations. Downwind personnel must be evacuated.

Accidental Release Measures

Spill of Leak Procedures: Eliminates all ignition sources and evacuate spill area. With adequate ventilation, cover with an inert absorbent material such as clay or vermiculite and transfer to a proper waste container. Wash the area with water containing 5% ammonia and detergent. Wear respirator and other protective equipment for protection of eyes and skin during cleanup.

Storage and Handling

Storage: Store in a dry area between 50°F-100°F (16°-30°C).

Handling: Use only in well ventilated areas, unless used with recommended respiratory protection. Do not empty steel drums with a welding torch.

Exposure Controls and Personal Protection

Respiratory Protection: Wear NIOSH/MSHA approved supplied air respirator or self-contained breathing apparatus when airborne concentrations are unknown or exceed permissible limits.

Ventilation: Mechanical general/local exhaust to control vapor or mist below maximum exposure limits.

Protective Clothing: Long-sleeve shirt and trousers.

Eye Protection: Use safety goggles and face shield to avoid splashing on face.

Other Protective Equipment: Impervious rubber gloves and boots.

Work/Hygienic Practices: Wash with soap and water after handling. Remove contaminated clothing and wash before next use.

Physical and Chemical Properties

Appearance and Odor: Clear liquid and ammonia odor.

Boiling Point: Not determined.

Vapor pressure (mm Hg @ 20°C): <0.1

Vapor density: <1

Specific Gravity (water=1): 1.020 (+0.005)

Melting Point: Not listed.

Evaporation Rate (butyl acetate): <1

Solubility in Water: Not listed.

Stability and Reactivity

Stability: This is a stable material in sealed containers.

Incompatibility (materials to avoid): Strong oxidizing agents.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, nitrogen oxides.

Polymerization: Not listed.

Toxicological Information

Carcinogenicity: No NPT-n/a.

IARC monographs: Class 2

Teratogenicity: None

Reproductive Toxicity: Oral (mouse) LOEL for embryo/fetotoxicity 1300/mg/kg/day.

Mutagenicity: None

Synergistic products: None

OSHA regulated. No

Ecological Information

None listed.

Disposal Considerations

Dispose of in accordance with local, state, and federal regulations.

Transport Information

Proper shipping name: Liquid resin non-regulated
DOT hazard classification: None
UN/NA number: None
Packaging group: None
Freight class: 65
DOT labels required: None
DOT placards required: None

Regulatory Information

None listed.

Other Information

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