

Material Safety Data Sheet

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Product Identification

Product Name: AV-549 CRACK WELD (PART B)

Composition/Ingredient Information

Ingredient Name / CAS Number	Exposure Limits	Concentration
N-Aminoethylpiperazine CAS #140-31-8	OSHA PEL: Not Determined ACGIH TWA: Not Determined	Trade Secret
Nonylphenol CAS #25154-52-3	OSHA PEL: Not Determined ACGIH TWA: Not Determined	Trade Secret

Hazards Information

Primary Route(s) of Entry: Inhalation, ingestion, and skin absorption.

Health Hazards: Repeated contact may cause dermatitis and allergies.

Eye Contact: May cause temporary eye irritation. If irritation persists seek medical attention.

Skin Contact: Short single exposure is not likely to cause skin irritation. Prolonged or repeated exposure may cause skin irritation.

Ingestion: No hazards anticipated from swallowing small amounts incidental to normal handling operations.

Inhalation: Single exposure to vapors is not likely to be hazardous.

First Aid Measures

Eyes: Immediately flush with water for a minimum of 15 minutes. Get medical attention.

Skin: Remove contaminated clothing; cleanse the skin with waterless hand soap, then flush the skin with water for a minimum of 15 minutes. Wash thoroughly with soap and water. If irritation develops/persists; get medical attention.

Wash clothing and thoroughly clean shoes before reuse.

Inhalation: Remove to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration. Seek immediate medical attention.

Ingestion: Give 3 to 4 glasses of milk; do not induce vomiting. (Never give anything by the mouth to an unconscious or convulsing person.)

Fire and Explosion Hazards

Flash Point: 240°F (115.6° C) PMCC

Flammable Limits: LEL: 1.0% UEL: Not Listed

Extinguishing Media: Dry chemical, alcohol foam, carbon dioxide, or water.

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

Unusual Fire and Explosion Hazards: Smoke may contain unidentified toxic and/or irritating compounds.

Accidental Release Measures

Spill or Leak Procedures: Ventilate area of spill or leak. Remove all sources of ignition. Wear appropriate personal protective equipment. Isolate hazard area. Keep unnecessary personnel from entering the area. Use an inert absorbent; such as sand, clay, or vermiculite to absorb the liquid and shovel into a DOT approved container.

Handling and Storage

Storage: Protect against physical damage. Store in a cool dry well ventilated area. Keep containers closed when not in use. Wear protective clothing when handling.

Handling: Use only in well ventilated areas. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquids); observe all warnings and precautions listed for the product.

Exposure Controls and Personal Protection

Respiratory Protection: Wear NIOSH approved respirator for airborne concentrations in excess of the applicable exposure limits in accordance with OSHA regulations.

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

Protective Clothing: Wear impervious clothing, including boots, gloves, lab coat, apron or coveralls.

Eye Protection: Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain an eye wash fountain and quick drench facilities in the work area.

Other Protective Equipment: Use impervious rubber gloves and boots.

Work/Hygienic Practices: Remove contaminated clothing and wash before next use. Clean the area of contact with waterless hand cleaner. Wash with soap and water. Do not use solvents.

Physical and Chemical Properties

Appearance and Odor: Liquid, ammonia odor.

Boiling Point: 432°F (222.4°C)

Vapor Pressure (mm Hg @ 25°C): Not determined

Vapor Density: 7.6

Specific Gravity (water=1): 0.97 @68°F (20°C)

Melting Point: Not Listed

Evaporation Rate (butyl acetate): Not Listed

Solubility in Water: Slightly soluble.

Stability and Reactivity

Stability: Stable under normal storage and handling conditions.

Incompatibility (materials to avoid): Strong oxidizing agents and acids.

Hazardous Decomposition Products: Carbon monoxide and nitrous oxides.

Polymerization: Will not occur.

Toxicological Information

Carcinogenicity: No information available

IARC monographs: None

Teratogenicity: None

Reproductive Toxicity: None

Mutagenicity: None

Synergistic products: None

OSHA regulated: No

Ecological Information

When released into the soil, this material is expected to slowly biodegrade. When released into the soil, this material is expected to slowly leach into the groundwater.

Disposal Considerations

Dispose of container and unused contents in accordance with federal, state, and local requirements.

Transport Information

Proper Shipping Name: Non-Regulated AV-549 Crack Weld Part B

DOT Hazard Classification:

UN/NA Number:

Packaging Group:

Freight Class:

DOT Labels Required:

DOT Placards Required:

Other Information

The information on this MSDS is accurate to the best of Avanti International's knowledge. Avanti International makes no expressed 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.