

AS-31 ACRYLIC SOLVENT
DOT: NAERG-96 Guide # - 127

Hazardous Ingredients CAS Number/List	OSHA PEL ppm	ACGIH TLV ppm	%
Special Naphtholite 66/3 64742-48-9	300	300	
VM&P Naphtha 8032-32-4	300	300	
Toluene 108-88-3 (SARA 313)	100	100	>33
Xylene (Mixed Isomers) 1330-20-7 (SARA 313)	100	100	>24
Ethyl Benzene 100-41-4 (SARA 313)	100	100	>3

Physical/Chemical Characteristics

Clear, volatile liquid. Naphtha odor. Insoluble in water.
Specific Gravity = 0.831.

Fire Hazard Data

Flash Point 45 F. Flammable. Use dry chemical, foam or CO2 extinguisher.

Reactivity Data

Stable. Will not polymerize. Combustion products: CO, CO2. Keep away from strong acids, strong bases, oxidizing agents, and amines.

Health Hazard Data

Routes of entry: Inhalation and skin absorption.
Health Hazards: (acute) Irritant. Inhalation of vapor or mist can induce dizziness. Skin penetrant, skin irritant. Drying to skin. Vapor and liquid may be irritating to eyes.

AS-31, continuation

Chronic: Prolonged contact can dry and defat skin.

Not listed as OSHA, NTP or IARC carcinogen.

Symptoms of exposure: Skin dryness, dizziness.

Condition aggravated by exposure: Dermatitis

Emergency and First Aid Procedures: Wash skin with water, and remove any wet clothing, including shoes and socks. Flush eyes with water for 15 minutes and get medical attention immediately. If swallowed, drink 2 glasses of water and call a physician at once. In case of dizziness, move to fresh air.

Precautions for Safe Handling and Use

For Spills: Use absorbent. Dike and recover spilled material. Keep out of drains and sewers.

Waste Disposal: Meet provisions for ignitable liquid wastes. Do not release to land, streams, sewers, or surface waters. Review all local, state, and federal regulations for disposal procedures.

Precautions for Handling and Storing: Follow storage and handling procedures for flammable liquids. Use in well ventilated area. Remove sources of ignition.

Control Measures

Respiratory Protection: In confined spaces, use organic vapor respirator.

Ventilation: Use adequate ventilation, or open doors to increase ventilation.

Protective Gloves: Wear solvent-proof gloves.

Eye Protection: Wear splash-proof goggles.

Work Practices: Avoid getting material on skin or in eyes. Avoid inhaling mist or vapor. Wash hands after use and before eating or smoking. Wear protective equipment. Wash any exposed skin with water. Remove any wet clothing. Do not smoke near or while using this material.

EPA Supplier Notification

This mixture contains the following chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372: Toluene, Xylene (mixed isomers), Ethyl Benzene. None of the ingredients are included on the List of Extremely Hazardous Substances for SARA Emergency Planning. Tier I/ Tier II Hazard Categories (40 CFR 370) for this material: Fire hazard and Immediate Health Hazard.

August, 1990
Acrylic Solvent

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