

MATERIAL SAFETY DATA SHEET

Product Name: Butyl Methacrylate
Catalog Number: 21330
DOT Hazard Class: Flammable Liquid
DOT Proper Shipping Name: n-Butyl Methacrylate
UN/NA ID No.: UN 1227
MSDS Updated: 9/2011

Distributed By: Ladd Research
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Williston, VT 05495
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HAZARDOUS COMPONENTS

	<i>CAS Number</i>	<i>Percent</i>	<i>Exposure Limits</i>
n-Butyl Methacrylate	97-88-1	>99.5%	None established

PHYSICAL AND CHEMICAL DATA

Boiling Point: 326° F
Vapor Pressure: 2 mm Hg at 70° F
Vapor Density: >1 (air = 1)
Specific Gravity: 0.90
Melting Point: <-100° F
Evaporation Rate: <<1 (butyl acetate = 1)
Solubility in Water: Slight
Appearance and Odor: Colorless liquid. Strong acrylic odor.

FIRE AND EXPLOSION HAZARD DATA

Flash Point: 115° F (DIN 51755)
Extinguishing Media: Foam, dry chemical, carbon dioxide.
Special Fire Fighting Procedures: Wear self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: Sealed containers exposed to elevated temperatures may rupture explosively due to polymerization. Vapors are heavier than air and may travel to ignition source.

HEALTH HAZARD DATA

Routes of Entry: Inhalation, skin, ingestion.
Hazards: Irritant. Prolonged or repeated exposure to skin may cause sensitivity.

EMERGENCY AND FIRST AID

Skin: Wash affected area with copious amounts of water.
Eye: Flush eyes with water for at least 15 minutes.
Inhalation: Remove to fresh air. Give oxygen or artificial respiration if needed.
Ingestion: Drink 1 or 2 glasses of water. Induce vomiting. Call physician.

REACTIVITY DATA

Stability: Stable.
Conditions to Avoid: Elevated temperatures, free radical initiators, and/or ultraviolet light.
Incompatibility: Free radical initiators, oxidizing and reducing agents.
Hazardous Polymerization: May occur.

SPILL, DISPOSAL AND STORAGE INFORMATION

Spill: Absorb with inert material, collect in closed containers and dispose as recommended. Avoid skin contact.
Disposal: Incineration according to federal, state and local regulations.
Storage: Store below 85° F in well ventilated area, away from direct sunlight, initiators, oxidizing and/or reducing agents. Don't fill containers completely. Bulk storage tanks should be kept oxygenated to activate polymerization inhibitors.

PROTECTIVE EQUIPMENT AND CONTROL MEASURES

Respiratory: OSHA/MSHA approved respirator.

Ventilation: Mechanical ventilation recommended.

Gloves: Impervious gloves (e.g. nitrile, etc.) recommended.

Eye: Chemical safety goggles.

SECTION 313 SUPPLIER NOTIFICATION

Not applicable.

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