

MATERIAL SAFETY DATA SHEET

TRADE NAME:	ULTRA-BOND LIQUID
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CHEMICAL NAME: Methacrylates

I. PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT (°C):	215°C
MELTING POINT:	NE
SPECIFIC GRAVITY (H ₂ O=1):	1.12
VAPOR PRESSURE (20°C):	NE
VAPOR DENSITY (Air=1):	NE
SOLUBILITY IN WATER:	Insoluble
EVAPORATION RATE (Butyl Acetate=1):	NE
APPEARANCE AND ODOR:	Clear, yellow oily liquid; mild sweet odor

II. HAZARDOUS INGREDIENTS

PRINCIPAL HAZARDOUS COMPOUNDS:	<u>TLV</u>	<u>PEL</u>
Dimethacrylates	NE	NE
Photoinitiators	NE	NE

III. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	85°C
EXTINGUISHING MEDIA:	Chemical foam, CO ₂ , dry chemicals
SPECIAL FIRE EXTINGUISHING PROCEDURES:	Use self-contained breathing equipment
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Heat can cause polymerization with rapid release of energy and may rupture container.
LEL EXPLOSIVE LIMIT:	NE
VEL EXPLOSIVE LIMIT:	NE

IV. HEALTH HAZARD DATA / FIRST AID PROCEDURES

INHALATION:	Material is not very volatile
SKIN:	May cause irritation; wash with soap and water
EYES:	Flush with water for 15 minutes and consult physician.
INGESTION:	Induce vomiting; consult physician immediately.
CARCINOGENICITY:	None known

V. REACTIVITY DATA

STABILITY:	Stable
INCOMPATIBILITY:	Reducing and oxidizing agents, UV and blue light
HAZARDOUS DECOMPOSITION:	Toxic fumes containing nitrogen compounds are emitted
HAZARDOUS POLYMERIZATION:	May polymerize when heated

VI. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED:	Wipe with absorbent towel.
WASTE DISPOSAL METHOD:	Dispose according to government regulations

EMERGENCY PHONE NUMBER: (805) 922-8491

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