

# Den-Mat<sup>®</sup>

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## ***MATERIAL SAFETY DATA SHEET***

**TRADE NAME:****BLOCK-OUT<sup>TM</sup> BY ULTRA BOND<sup>®</sup> PLUS**

**CHEMICAL NAME:** Glass Fillers in Methacrylate Resin

**CHEMICAL FAMILY:** Methacrylate

**I. PHYSICAL DATA****BLOCK-OUT A****BLOCK-OUT B**

BOILING POINT, 760mm, Hg:	N/A	N/A
FREEZING POINT:	N/A	N/A
SPECIFIC GRAVITY (H <sub>2</sub> O=1):	2.08	2.1
VAPOR PRESSURE (20°C):	1mm Hg	NE
VAPOR DENSITY (Air=1):	1	Less than 1
SOLUBILITY IN WATER:	Nil	Nil
PERCENT VOLATILES BY VOLUME:	Nil	NE
EVAPORATION RATE (Butyl Acetate=1):	0.1	NE
APPEARANCE AND ODOR:	Light, yellowish-tan paste	Light, yellowish-tan paste

**II. FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT: NE

FLAMMABLE LIMITS: NE

EXTINGUISHING MEDIA: CO<sub>2</sub>, dry chemicals

SPECIAL FIRE EXTINGUISHING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

**III. HEALTH HAZARDS**

THRESHOLD LIMIT VALUE: None

EFFECTS OF OVEREXPOSURE: Irritant to eyes and skin

EMERGENCY AND FIRST AID: Eyes: Flush with water for 15 minutes. Consult physician.  
Skin: Wash with soap and water.

**IV. REACTIVITY DATA**

STABILITY: Stable

CONDITIONS TO AVOID: Heat and ignition

INCOMPATIBILITY: Contamination and heat

HAZARDOUS DECOMPOSITION: May form CO if burned

HAZARDOUS POLYMERIZATION: None

**V. SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Clean up with absorbent towel.

WASTE DISPOSAL METHOD: Dispose according to government regulations.

NE: Not Established

N/A: Not Applicable

**EMERGENCY PHONE NUMBER: (805) 922-8491**

*While Den-Mat Corporation believes that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the data are not to be taken as a warranty or representation for which Den-Mat assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State and local laws and regulations.*

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## ***MATERIAL SAFETY DATA SHEET***

<b>TRADE NAME:</b>	<b>TRY-IN PASTE</b>
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**CHEMICAL NAME:** Glass Filler Materials in Methacrylate Resins

### **I. PHYSICAL DATA**

BOILING POINT (°C):	N/A
MELTING POINT:	NE
SPECIFIC GRAVITY (H <sub>2</sub> O=1):	1.95
VAPOR PRESSURE (20°C):	Less than 1mm Hg
VAPOR DENSITY (Air=1):	Less than 1
SOLUBILITY IN WATER:	Nil
EVAPORATION RATE (Butyl Acetate=1):	Less than 1
APPEARANCE AND ODOR:	Soft paste with little or no odor

### **II. HAZARDOUS INGREDIENTS**

PRINCIPAL HAZARDOUS COMPOUNDS	TLV	PEL
Methacrylate	NE	NE

### **III. FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT:	NE
EXTINGUISHING MEDIA:	CO <sub>2</sub> , chemical foam, dry chemicals
SPECIAL FIRE EXTINGUISHING PROCEDURES:	Use self-contained breathing apparatus
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Heating can cause rapid polymerization with heat buildup
LEL EXPLOSIVE LIMIT:	NE
UEL EXPLOSIVE LIMIT:	NE

**IV. HEALTH HAZARD DATA / FIRST AID PROCEDURES**

INHALATION:	Move to fresh air.
SKIN:	Wash with mild soap and water.*
EYES:	Flush with water at least 15 minutes. See physician.
INGESTION:	Consult physician immediately.
CARCINOGENICITY:	None known.

**V. REACTIVITY DATA**

STABILITY:	Stable
INCOMPATIBILITY:	Heat
HAZARDOUS DECOMPOSITION:	May produce CO if burned.
HAZARDOUS POLYMERIZATION:	None under normal conditions.

**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.

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