

Kerr Italia SpA

MATERIAL SAFETY DATA SHEET

in accordance with community directive 2001/58/EC

Section I - Identification of Product and Company

Trade Product Name: FILL IN Catalyst Paste	Preparation/Revision Date: 11/03
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Company Name: Kerr Corporation	Emergency phone: (+ 41)-91-61.00.639
Company Address: 1717 West Collins Avenue, Orange – CA – 92867 USA	Information phone: 00-800-41-050-505

Section II - Composition/Information on Ingredients

HAZARDOUS INGREDIENTS	%	SYMBOL	R	CAS N.	EINECS N.
Uncured Methacrylate Ester Monomers	40-45	Xn	22-36/37/38	2448-20-2	N/A

Section III - Hazards Identification

HAZARD CLASSIFICATION	Harmful
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Section IV - First Aid Measures

Treatment for eye contact: Flush with water for 15 minutes, including under eyelids.
Treatment for skin contact: Wash thoroughly with soap and water.
Treatment for inhalation (breathing): Remove to fresh air. Get medical attention if discomfort persists.
Treatment for ingestion (swallowing): Rinse mouth out with water. Do not induce vomiting. Seek medical attention.

Section V - Firefighting Measures

Suitable extinguishing media: Chemical Foam, carbon dioxide, dry chemicals.
Forbidden extinguishing media: Direct stream of water.
Special fire fighting measures: Wear self-contained breathing apparatus.
Unusual fire and explosion hazards: Heat can cause polymerization with rapid release of energy.
Special protection equipment: Sealed overall against liquids and gases.

Section VI - Accidental Release Measures

Personal Precautions: In case of release, use self contained breathing apparatus and protective clothing.
Environmental Precautions: Keep spilled material out of sewers.
Reclaiming Methods: Absorb spills with inert material - keep spilled material out of sewers.

Section VII - Handling and Storage

Handling Precautions: Adopt the same precautions listed in section VIII.
Precautions in case of Fire and Explosion: Evacuate area and wear respiratory and protective clothing.
Storage Conditions: Store in a cool and dry place, away from heat and ignition source.
Suggested container(s): Use containers provided by manufacturer.
Indication for Combined Storage: Avoid contact with reducing and oxidizing agents, peroxides and amines.
Other Precautions: Use according to directions.

Section VIII - Exposure controls/personal protection

Precautionary Measures	<p style="text-align: center;"><u>Ventilation</u></p> <p>Local Exhaust Ventilation: Good general ventilation should be sufficient to control airborne levels of vapors released by uncured material.</p> <p>Special Ventilation: None.</p> <p>Mechanical (General) Ventilation: Good general ventilation recommended.</p> <p>Other Ventilation: None.</p>
Limits	TWA: Not determined; PEL: Not determined
Respiratory Protection	Avoid prolonged or excessive breathing of vapors of uncured material. Use self-contained breathing apparatus.
Hands Protection	Protective gloves recommended when contacting uncured material.
Eyes Protection	Safety glasses recommended.
Skin Protection	Adopt above-mentioned precautions.
Other Protective Equipments:	Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure.

Section IX - Physical and Chemical Properties

Boiling Point: Not determined (N/D) Vapor Pressure: N/D		Melting Point: N/D Specific Gravity: ~ 1,5 g/ml	
Evaporation Rate (n-butane= 1): N/D		Vapor Density (air= 1): N/D	
Solubility in Water: Insoluble			
Appearance and Odor (Physical Form): Tooth-colored pastes with fruity ester-like odor.			
Flash Point: N/D	Upper explosivity limit: N/D		Lower explosivity limit: N/D

Section X - Stability and Reactivity

Stability: Stable if stored as directed.
Conditions to avoid: Heat, aging and sources of contamination.
Incompatibility (Materials to Avoid): Reducing and oxidizing agents, peroxides and amines.
Hazardous Decomposition Products: Carbon oxides.
Hazardous Polymerization Products: May occur

Section XI - Toxicological Information

Carcinogenic\Teratogenic: No
<p style="text-align: center;"><u>Effects and Hazards of Overexposure (Acute and Chronic)</u></p> <p>Effects and Hazards of Skin Contact: Prolonged or repeated exposure to uncured material may cause irritation or skin rash especially in sensitive individuals.</p> <p>Effects and Hazards of Eye Contact: May cause irritation and damage if not removed promptly.</p> <p>Effects and Hazards of Inhalation (Breathing): Prolonged or excessive inhalation may cause irritation to respiratory tract.</p> <p>Effects and Hazards of Ingestion (Swallowing): Uncured material may be harmful if swallowed.</p> <p>Effects for Prolonged Exposure: See section XVI.</p>

Section XII - Ecological Information

There is no specific information on the product. Use according to good working practices, avoiding release of the product into environment.

Section XIII - Disposal Considerations

Absorb with inert material. Incinerate material in proper equipment. Dispose of in accordance with local regulations.

Section XIV - Transport Information

SEA TRANSPORTATION									
IMCO Number			N/A						
UN Number			N/A						
Substance(s) determining hazard			None						
AIR TRANSPORTATION									
ICAO/IATA Class			N/A						
Substance(s) determining hazard			None						
TRANSPORTATION BY ROAD/RAILWAY									
<u>RID/ADR</u> N/A		Item N/A		Hazard Identification N/A		Substance N/A		<u>Hazar</u> N/A	
<u>Class</u>		Number		Number		Identification Number		<u>d</u>	
								<u>Label</u>	

Section XV - Regulatory Information

CLASSIFICATION IN ACCORDANCE WITH EC DIRECTIVES	
HAZARD IDENTIFICATION SYMBOL	Xn
R Sentences	
22	Harmful if swallowed
36/37/38	Irritating to eyes, respiratory system and skin.
S Sentences	
16	Keep away from sources of ignition – No smoking.
36	Wear suitable protective clothing.
Ingredients determining the label	Uncured Methacrylate Ester Monomers

Section XVI - Other Information

None.

CAUTION: PRODUCT FOR PROFESSIONAL USE

The information on this Safety Sheet is based on presently available data and to our best knowledge for the correct handling of the product under normal conditions. Any use of this product in any way not indicated on this Sheet or the use of this product together with any other process/procedure will be exclusively under the user's responsibility.