

**SAFETY DATA SHEET:****Q-CERAM****1. Chemical Product and Company Identification**Product Name: **Q-CERAM** *Ceramic Primer*Manufacturer: **B.J.M. Laboratories Ltd.**

Address: 12 Hassadna Street, Industrial Park, Or-Yehuda, 6022011, Israel.

Telephone: +972-3-7353000 / Fax: +972-3-7353020.

**2. Composition / Information of Hazardous Ingredients**

Hazardous Ingredients	CAS#	Hazard Identification & Risk Phrases
Ethyl alcohol	64-17-5	F, R11
3-trimethoxysilylpropyl methacrylate	2530-85-0	Xi, R36/37/38
4-Methacryloxyethyltrimellitic anhydride	70293-55-9	Xi, R22/36/38/43
Acetic Acid	64-19-7	Xi, R36/37/38

**3. Hazards Identification** Corrosive; Xi Irritant; Flammable.Acute Health Hazards: May cause eye, respiratory and skin irritation.Chronic Health Hazards: Material is not known to cause significant health problems.Signs and Symptoms of Exposure: High concentrations can cause eye and respiratory irritation. Prolonged skin exposure can cause dryness.Primary Routes of Exposure: Inhalation, skin contact, eye contact.Carcinogenicity: NTP – no, OSHA – no, IARC – no.**4. First Aid Measures in Cause of Inhalation**Inhalation: If irritation occurs, take victim to open air. Get medical attention.In case of skin contact: wash with soap and water.In case of eye contact: Flush with large quantities of water for 15 minutes. Consult a physician.In case of ingestion: Drink two glasses of water or milk. Seek medical attention if a substantial amount has been ingested. Do not induce vomiting.**5. Fire-Fighting Measures**Flash Point: 18°C / 64°F (Ethanol)Extinguishing Media: Carbon dioxide, foam or dry chemical.Unusual Fire and Explosion Hazards: Upon combustion, irritating gases may form..

## 6. Accidental Release Measures

Personal Precautions: Prevent skin/ eye contact

Environmental Precautions: Avoid ground water contamination..

Clean-Up Procedure: Wipe with damp paper towel. Discard properly.

## 7. Handling and Storage

Handling: No special measures necessary if handled according to instructions.

Storage: Keep container tightly closed when not in use. Keep about 10°C.

Keep material in original packaging. Avoid extreme heat and light.

## 8. Exposure Controls/ Personal Protection

Exposure Controls: Use only in well ventilated areas.

Eye Protection: Use protective eyewear.

Hand and Skin Protection: Avoid unnecessary skin contact. Wear latex gloves when handling.

Hygiene Measures: Remove spilled material from skin and clothing. Do not eat or drink when handling this material.

## 9. Physical and Chemical Properties

Appearance: Colorless liquid

Odor: Odorless.

Boiling Point/ Range: N/E

Evaporation Bate (water = 1): N/A

Vapor Density (Air = 1): N/A

Solubility in Water: Miscible

Solubility in organic solvents: Soluble in alcohols, ketones, etc.

Acidity: pH=4-5

## 10. Stability and Reactivity

Stability: This material is stable.

Hazardous Reactions: None if handled according to directions

Conditions to Avoid: Heat.

Incompatibility: Strong caustics, metals, sulfides and sulfites..

## 11. Toxicological Information

Acute oral toxicity: LD50 (rat) > 5000 mg/kg

Irritation to Eyes: Irritates the eyes.

Irritation of Skin: May irritate the skin.

Allergic Effects: May cause allergic reaction on contact with skin.

Other: If swallowed, may cause sore throat and burns of the mouth and throat. Prolonged exposure may cause burns to the respiratory tract, contact with soft tissues may cause burns.

## 12. Ecological Information

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

## 13. Disposal Considerations

May be disposed of in landfill or incinerator In accordance with local, state and federal regulations.

## 14. Transport Information

14.1 Transport at land	ADR	3	RID	3
	UN Number	1170	Kemler Number	---
	Packing Group	III		
	Proper shipping name	Ethanol Solution		
14.2 Transport at sea	ADNR	3	IMDG	3
	UN Number	1170		
	EMS	F-E, S-D	MFAG	
	Packing Group	III		
	Proper shipping name	Ethanol Solution		
14.3 Air transport	ICAO / IATA-DGR	---		
	UN Number	1170		
	Proper shipping name	Ethanol Solution		
	Subsidiary Risk	---		
	Labels	Ethanol Solution		
	Packing Group	III		

U.S. DOT Shipping Name: Ethanol Solution

U.S. DOT Hazard Class: 3

Number: UN1170

U.S. Dot Packing Group: III

Other: Class 3 Flammable Liquids.

## 15. Regulatory Information

This product requires classification according to the criteria of EC. The product is a medical device according to the EC-directive 93/42.

15.1 UN Number 1170

15.2 National regulations

15.3 EU number

15.4 Hazard symbols



15.5 Hazard designation

Xi: Irritant. F: Highly Flammable. Contains Ethyl Alcohol C: Corrosive liquid, acidic, organic.

15.6 Risk phrases

**R: 11, 34**

11 Highly flammable  
34 Causes burns.

15.7 Safety phrases

**S: 2, 7, 9, 16, 22, 23, 26, 28, 24/25, 37/39, 43**

2 Keep out of the reach of children.  
7 Keep container tightly closed.  
9 Keep container in a well-ventilated place.  
16 Keep away from sources of ignition - No smoking.  
22 Harmful if swallowed.  
23 Do not breathe vapour.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advise.  
28 After contact with skin, wash immediately with plenty of water and soap.  
24/25 Avoid contact with skin and eyes.  
37/39 Wear suitable gloves and eye/face protection.  
43 May cause sensitization by skin contact.

U.S. – O.S.H.A. Status: This material is Xi: Irritant. F: Flammable. C: Corrosive under the criteria of the U.S. Federal Hazard Communication Standard.

## 16. Other Information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall establish a legally valid contractual relationship.

### Relevant R-phrases

11 Highly flammable  
34 Causes burns  
Xi Irritant

Material should be maintained in original containers. Empty containers should not be re-used.

### AN SI / NFPA 704 DATA

Health: 2  
Flammability: 2  
Reactivity: 0  
Special hazards: None

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This information is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data, or the results to be obtained from use thereof. In no event will the manufacturer or distributor be responsible for damages of any nature whatsoever resulting from the use of, or reliance upon this information. General properties described herein are to be regarded as guides and are not guaranteed for all samples.

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