

# CERAMCO

## MATERIAL SAFETY DATA SHEET

Issued on May 28, 1997

### SECTION I - PRODUCT IDENTIFICATION

**PRODUCT NAME:** Ceramco II Shoulder Liquid  
**PRODUCT CODE:** 671000  
**MANUFACTURER/SUPPLIER:** Ceramco  
 Six Terri Lane  
 Burlington, NJ 08016  
 USA  
 Phone number: (800) 487-0100

Ceramco Europe Ltd.  
 Hamm Moor Lane, Addlestone  
 Weybridge, Surrey  
 KT15 2SE England  
 Phone number: 0-1932-856240

### SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

**DESCRIPTION:** Water/alcohol based liquid.

**HAZARDOUS INGREDIENTS:**

<u>Component</u>	<u>CAS No</u>	<u>Weight %</u>	<u>OSHA</u>	<u>ACGIH</u>	<u>HAZARDS</u>
Ethanol	64-17-5	15-20	1000 ppm	1000 ppm	Flammable
Water	7732-18-5	80-85	None	None	None

### SECTION III - HAZARDS IDENTIFICATION

**NFPA HAZARD DESIGNATIONS:** Health: 1 (Slight)  
 Flammability: 0 (None)  
 Reactivity: 2 (Moderate)

**IMPORTANT HAZARD INFORMATION:** May cause eye irritation upon contact.

### SECTION IV - FIRST-AID MEASURES

**GENERAL INFORMATION:** No special measures required.  
**AFTER INHALATION:** Remove to fresh air. Consult doctor in case of symptoms.  
**AFTER SKIN CONTACT:** Wash skin with soap/water.  
**AFTER EYE CONTACT:** Rinse opened eye for 15 minutes under running water. Consult doctor in case of symptoms.  
**AFTER SWALLOWING:** Give water to drink and induce vomiting. Seek medical attention.

### SECTION V - FIRE-FIGHTING MEASURES

**FIRE EXTINGUISHING AGENTS:** CO<sub>2</sub>, dry chemical, halon or foam.  
**SPECIAL PROTECTIVE EQUIPMENT:** No special measures required.

### SECTION VI - ACCIDENTAL RELEASE MEASURES

**PERSON-RELATED SAFETY PRECAUTIONS:** Avoid skin and eye contact. Provide adequate ventilation.  
**ENVIRONMENTAL PROTECTION:** Do not allow to enter drainage system, surface or ground water.  
**MEASURES FOR CLEANING/COLLECTING:** Absorb on vermiculite or clay. Scoop up and store in appropriate containers. Dispose in accordance with Federal, State and Local regulations for relatively non-toxic inorganic.  
**ADDITIONAL INFORMATION:** No additional information.

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## MATERIAL SAFETY DATA SHEET CERAMCO II SHOULDER LIQUID (continued)

### SECTION VII - HANDLING AND STORAGE

INFORMATION FOR SAFE HANDLING:	Do not drink and eat in areas of use or storage.
PROTECTION AGAINST EXPLOSIONS/FIRES:	Store away from ignition sources. Protect from high heat.
STORAGE	Keep containers closed when not in use.
COMMON STORAGE FACILITIES:	Suitable for any general chemical storage area.

### SECTION VIII - EXPOSURE CONTROLS AND PERSONAL PROTECTION

VENTILATION:	Use general or local exhaust to meet ventilation requirements.
EYE PROTECTION:	An eye bath and washing facilities should be available.
SKIN PROTECTION:	Not required during normal use.
RESPIRATORY PROTECTION:	None required for normal use.

### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid.
FORM:	Clear solution.
COLOR:	Colorless.
ODOR:	Ethereal.
pH:	Not determined.
MELTING POINT:	Not applicable.
BOILING POINT:	Not determined.
FLASH POINT:	41°C
VAPOR DENSITY:	Not determined.
AUTOIGNITION TEMPERATURE:	Not determined
DANGER OF EXPLOSION:	None.
FLAMMABILITY:	Vapors flammable.
VAPOR PRESSURE:	Not determined.
DENSITY:	0.96-0.97
SOLUBILITY/ MISCIBILITY	Soluble.

### SECTION X - STABILITY AND REACTIVITY

STABILITY:	Stable.
HAZARDOUS POLYMERIZATION:	Will not occur.
CONDITIONS TO AVOID:	None.
MATERIALS TO AVOID:	Oxidizing agents, mineral acids, strong acids and strong basis.
DECOMPOSITION PRODUCTS:	Carbon monoxide, carbon dioxide.

### SECTION XI - TOXICOLOGICAL INFORMATION

CARCINOGENEITY:	NTP: no	IARC: no	Z LIST: no	OSHA REG: no
EFFECTS OF OVEREXPOSURE:				
SKIN CONTACT:	May cause reddening and irritation or drying of the skin.			
EYE CONTACT:	May cause irritation upon contact.			
INHALATION:	Irritation.			
SENSITIZATION:	None known.			
CHRONIC EFFECTS:	None known.			

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MATERIAL SAFETY DATA SHEET  
CERAMCO II SHOULDER LIQUID (continued)  
SECTION XII - ECOLOGICAL INFORMATION

Stable, organic liquid, does not degrade, does evaporate.

SECTION XIII - DISPOSAL CONSIDERATION

PRODUCT DISPOSAL:	Do not dispose with household waste. Dispose according to official regulations for relatively non-toxic inorganics.
CONTAMINATED PACKAGING:	Dispose according to official regulations.
ADDITIONAL DISPOSAL INFORMATION:	Local disposal regulations may exist.

SECTION XIV - TRANSPORT INFORMATION

Transportation not restricted.

SECTION XV - REGULATORY INFORMATION

No regulatory information available at this time.

SECTION XVI – OTHER INFORMATION

INTERNATIONAL RISK PHRASES: 16, 22, 36/37/39.  
INTERNATIONAL SAFETY PHRASES: 2, 3, 9, 14 (oxidizers), 20/21, 26, 36/37/39, 51.

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

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MATERIAL SAFETY DATA SHEET  
CERAMCO II SHOULDER LIQUID (continued)