

MATERIAL SAFETY DATA SHEET

Revised 08/06/2009 EMG

**Product Name: Elastizell OC Foam Concentrate**

A proprietary aqueous solution of protein stabilized surfactants, formulated to function as a preformed, open cell foam in concrete.

**SECTION I - LOCATION**

Manufacturer's Name and Address:

Research Center and Manufacturing:

Elastizell Corporation of America  
7900 Second Street  
Dexter, MI 48130  
tel: (734) 426-6076  
fax: (734) 426-6078  
website: www.elastizell.com

Office:

Elastizell Corporation of America  
267 Collingwood – P.O. Box 1462  
Ann Arbor, MI 48106  
tel: (734) 761-6900  
fax: (734) 761-8016  
email: info@elastizell.com

**Emergency Telephone Number: CHEMTREC @ (800) 424-9300**

**SECTION II - INGREDIENTS**

Proprietary blend of:

Water	(CAS # 7732-18-5)
Anionic Surfactants	(CAS # 1643-20-5)
Protein Hydrolyzate	(CAS # 9015-54-7)

**Hazardous Ingredients**

May contain as much as 1.25% ethyl alcohol (ethanol CAS# 64-17-5). This substance is listed because in pure bulk form it meets the OSHA , 29 CFR 1910.1200 definition of hazardous. Any hazards associated with this finished product are listed in Section V of this MSDS.

### **SECTION III - CHEMICAL & PHYSICAL PROPERTIES**

Chemical Name:	Protein hydrolyzate and anionic surfactants
Formula:	Proprietary formulation
Form:	Liquid
Specific Gravity (H <sub>2</sub> O=1):	1.028 +/- 0.005
pH:	~ 8
Solubility in Water:	100%
Color:	light honey brown
Odor:	faint organic
Stability:	Stable
Hazardous Polymerization:	Will not occur
Shelf Life:	1 year

### **SECTION IV - FIRE AND EXPLOSION HAZARD**

None

### **SECTION V - HEALTH HAZARD DATA**

Potential effects of over-exposure to concentrate:

Ingestion: Consumption may cause transient nausea, vomiting and/or diarrhea.

Eye Contact: May cause mild transient irritation that includes stinging, tearing, itching, swelling, and/or redness.

Skin: Prolonged skin contact removes natural oils from skin, therefore mild, transient dryness and irritation may result.

Inhalation: N/A

Emergency and First Aid Procedures:

Ingestion: If swallowed, drink 2 glasses of water, induce vomiting with fingers.

Eye Contact: Flush thoroughly with water for 15 minutes.

Skin: Flush skin with water. Apply hand cream to restore oil to skin. If spilled on clothing, change clothes. If symptoms persist or recur, seek medical attention.

Inhalation: N/A

### **SECTION VI - ENVIRONMENTAL**

Moderately toxic to aquatic species dependent on transport of dissolved oxygen for survival.

## SECTION VII - SPILL OR LEAK PROCEDURES

Concentrate:

Collect spilled concentrate with absorbent material.  
Flush area with water until it no longer foams.  
Disposal should be in accordance with federal, state, and local regulations.

Foam:

Flush with water and dispose of diluted material according to federal, state, and local regulations.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

Avoid eye contact, safety glasses recommended.  
Eye wash facilities recommended.  
Use rubber gloves in case of continuous contact.

## SECTION IX - SPECIAL PRECAUTIONS

Avoid ingestion, inhalation, skin absorption and contact with eyes. Wash thoroughly after handling.  
Spilled product may present a slip hazard.  
Do not reuse this container.  
Keep container closed when not in use.  
Do not store in direct sunlight or at temperatures above 110<sup>0</sup>F (43<sup>0</sup>C).  
Freezing will affect the physical condition of this product but will not damage it. Thaw and mix well before using.  
Do not mix with any other type or brand of foam liquid or otherwise contaminate. To do so may reduce or negate effectiveness.

## SECTION X - TRANSPORTATION DATA

Department of Transportation:	Not regulated
U.S. DOT Shipping Name:	Air entraining agent for concrete
U.S. DOT Hazard Class:	Not hazardous
NMFC Number:	33600 sub 1
Label(s) Required:	None
Reportable Quantity:	N/A
Freight Classification:	Rate class 55
Special Transportation Notes:	None

Signature: \_\_\_\_\_



Ned Glysson

Title: Director of Research and Operations

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