

*Material Safety Data Sheet*  
**MAPR-55 Paintable Silicone Emulsion**



**Data Prepared:**           **October 15<sup>th</sup>, 2014**

**SECTION I: IDENTIFICATION OF THE SUBSTANCE & THE COMPANY**

**Product Name:**           **MAPR-55 Paintable Silicone Emulsion**  
**Product Code:**          **MAPR-55**

**Provided by:**           **CLEARCO PRODUCTS CO. INC.,**  
15 York Rd.  
Willow Grove, PA 19090 U.S.A.

**Telephone No:**          001 215 366-7860  
**Fax No:**                001 215 366-7862  
**E-mail:**                [info@clearcoproducts.com](mailto:info@clearcoproducts.com)  
**Website:**               [www.clearcoproducts.com](http://www.clearcoproducts.com)

**Emergency Telephone:**   **CHEM TEL: 1-800-255-3924 (DOMESTIC)**  
**+01-813-248-0585 (INTERNATIONAL)**

**CAS#**                    **Mixture**  
**Product Use**          **Oil emulsion**

**NFPA Profile:**    **Health 1**            **Flammability 0**            **Physical Hazard 0**  
                          **Personal Protection B**

**SECTION II: HAZARDS IDENTIFICATION**

**Emergency overview**       **WARNING**  
                                  **EYE AND SKIN IRRITANT**

**Potential short term health effects**

Routes of exposure	Eye, Skin contact, Inhalation, Ingestion.
Eyes	May cause irritation
Skin	May cause irritation
Inhalation	May cause respiratory tract irritation
Ingestion	Like any product not designed to be ingested, this product may cause stomach distress if ingested in large quantities.
Target organs	Eyes, skin
Chronic effects	Prolonged or repeated exposure can cause drying, defatting and dermatitis
Signs and symptoms	Symptoms may include redness, edema, drying, defatting and cracking of the skin Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

**SECTION III: COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Ingredient(s)</b>	<b>CAS #</b>	<b>Percent</b>
Poly (oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-	24938-91-8	1-8

**SECTION IV: FIRST AID MEASURES**

**First aid procedures**

Eye contact	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
Skin contact	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
Inhalation	If breathing has stopped, trained personnel should administer CPR immediately.
Ingestion	Do not induce vomiting. Rinse mouth with water, then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

Notes to physician      Symptoms may be delayed.  
 General advice          Ensure that medical personnel are aware of the material(s) involved, and the precautions to protect themselves. Show this safety data sheet to the doctor in attendance. If you feel unwell, seek medical advice (show the label where possible).

**SECTION V: FIRE FIGHTING MEASURES**

Flammable Properties	Not flammable by OSHA criteria
Extinguishing media	
Suitable extinguishing media	Dry chemical, CO2, water spray or alcohol resistant foam
Unsuitable extinguishing media	Not available
Protection of firefighters	
Specific hazards arising from the chemical	Not available
Protective equipment for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus

**SECTION VI: ACCIDENTAL RELEASE MEASURES**

Personal precautions	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers of spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
Methods for containment	Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Before attempting clean up refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for reuse.

**SECTION VII: HANDLING AND STORAGE**

Handling	Wash hands after handling and before eating. Use good industrial hygiene practices in handling this material. Do not get this material in you eyes, on your skin, or on your clothing.
Storage	Keep out of the reach of children. Store in closed container away from incompatible materials.

**SECTION VIII: EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Exposure limits</b>	
<u>Ingredient(s)</u>	<u>Exposure Limits</u>
Poly(oxy-1,2-ethanediyl),alpha-tridecyl-omega-hydroxy	ACGIH-TLV Not established OSHA-PEL Not established
Engineering Controls	Use only under good ventilation conditions or with respiratory protection.
Personal protective equipment	
Eye/face protection	Wear safety glasses with side shields
Hand protection	Wear appropriate chemical resistant gloves
Skin and body protection	As required by employer code.
Respiratory protection	Not normally required if good ventilation is maintained and exposure guidelines are not exceeded. Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

## SECTION IX: PHYSICAL & CHEMICAL PROPERTIES

Appearance	Opaque
Color	White
Form	Liquid
Odor	Characteristic
Odor threshold	Not available
Physical state	Liquid
pH	8
Freezing point	Not available
Boiling point	100.0°C
Flash point	>93.9°C(>201°F)
Evaporation rate	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability limits in air, upper, % by volume	Not available
Vapor pressure	Not available
Vapor density	Not available
VOC(% by weight)	Not available
Specific gravity	0.96@25°C
Octanol/water coefficient	Not available
Solubility (H2O)	Miscible
Auto-ignition temperature	Not available
Percent volatile	45%

## SECTION X: STABILITY AND REACTIVITY

Chemical Stability:	Stable under recommended storage conditions
Conditions to avoid:	Do not mix with other chemicals
Incompatible materials:	Strong oxidizing agents. Acids
Hazardous decomposition products:	May include and are not limited to: Oxides of carbon. Silicone dioxide. Formaldehyde when heated to decomposition.
Possibility of hazardous reactions:	Hazardous polymerization does not occur

## SECTION XI: TOXICOLOGICAL INFORMATION

### Component analysis-LC50

Ingredient(s)	LC50
Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-	Not available

### Component analysis-LD50

Ingredient(s)	LD50
Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-	>2000 mg/kg rat

### Effects of acute exposure

Eye	May cause irritation.
Skin	May cause irritation
Inhalation	May cause respiratory tract irritation
Ingestion	Like any product not designed to be ingested, this product may cause stomach distress if ingested in large quantities.
Sensitization	Non-hazardous by OSHA criteria.
Chronic effects	Non-hazardous by OSHA criteria.
Carcinogenicity	Non-hazardous by OSHA criteria.
Mutagenicity	Non-hazardous by OSHA criteria.
Teratogenicity	Non-hazardous by OSHA criteria.

## SECTION XII: ECOLOGICAL INFORMATION

Ecotoxicity	Components of this product have been identified as having potential environmental concerns.
Environmental effects	Not available
Aquatic toxicity	Not available
Persistency/degradability	Not available
Bioaccumulation/accumulation	Not available

Partition coefficient	Not available
Mobility in environmental media	Not available
Chemical fate information	Not available

### SECTION XIII: DISPOSAL CONSIDERATIONS

Waste codes	Not available
Disposal instructions	Review federal, provincial, and local government requirements prior to disposal
Waste from residues/unused products	Not available
Contaminated packaging	Not available

### SECTION XIV: TRANSPORT INFORMATION

DOT Road Shipment Information (49 CFR 172.101): Not regulated as dangerous goods

Transportation of Dangerous Goods (TDG): Not regulated as dangerous goods.

### SECTION XV: REGULATORY INFORMATION

US Federal regulations	This product is a "Hazardous Chemical" as defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200 CERCLA/SARA Hazardous Substances-Not applicable.	
Occupational Safety and Health Administration (OSHA)		
29 CFR 1910.1200 hazardous	-Yes	
CERCLA(Superfund) reportable quantity	-None	
Superfund Amendments and Reauthorization Act of 1986 (SARA)		
Hazard categories	Immediate Hazard-Yes	
	Delayed Hazard-No	
	Fire Hazard-No	
	Reactivity Hazard-No	
Section 302 extremely hazardous substance	-No	
Section 311 hazardous chemical	-Yes	
Clear Air Act (CAA)	Not available	
Clean Water Act (CWA)	Not available	
Safe Drinking Water Act (SDWA)	Not available	
Drug Enforcement Agency (DEA)	Not available	
Food and Drug Administration (FDA)	Not available	
Canadian federal regulations	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.	
WHMIS classification	Class D-Division 2B	
WHMIS status	Controlled	

Inventory status

Country(s) or region	Inventory Name	On inventory (yes/no)*
United States & Puerto Rico	Toxic substances Control Act (TSCA) Inventory	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No

\* A "Yes" indicated that all components of this product comply with the inventory requirements administered by the governing country(s).

### SECTION XVI: OTHER INFORMATION

**Disclaimer** Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries of consequential damages which may result from the use of or reliance on any information contained in this document.