



## SAFETY DATA SHEET

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### 1. COMPANY AND PRODUCT IDENTIFICATION

**Product identifier**

**Product Name:** 48LT-1 KEMIKO® "Easy-Shine" Polish Wax  
**Product code:** 48LT-1

**Other means of identification**

**Synonyms** No information available.

**Application**

**Recommended Use** Flooring Topcoat 2 part  
**Uses advised against** For industrial use only

**Supplier/Manufacturer:**

**Supplier:**  
EPMAR Corporation  
13240 E. Barton Circle  
Whittier, CA 90605-3254  
Phone: 562-946-8781  
FAX: 562-944-9958  
E-mail: she@quakerchem.com  
(For Health and Safety Questions)

**Emergency telephone number:**

\* 24 HOUR TRANSPORTATION:  
\*\*CHEMTREC: 1-800-424-9300  
+703-527-3887 (Call collect outside of US)  
\* 24 HOUR EMERGENCY HEALTH & SAFETY:  
\*\*(800) 523-7010 (Within US only) Outside of US call (703)  
527-3887

### 2. HAZARDS IDENTIFICATION

**Classification**

**OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)


Serious eye damage/eye irritation

Category 2A

Reproductive toxicity	Category 1B
Chronic aquatic toxicity	Category 3

**Label Elements**

**Emergency Overview**

<b>DANGER</b>		
<b>Hazard Statements</b> Causes serious eye irritation May damage fertility or the unborn child Harmful to aquatic life with long lasting effects		
		
<b>Appearance</b> Opaque Colorless	<b>Physical State</b> Paste	<b>Odor</b> Mild

**Precautionary Statements - Prevention**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Use personal protective equipment as required  
Wash face, hands and any exposed skin thoroughly after handling  
Avoid release to the environment

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

None known

**Other Information**

May be harmful if swallowed. Causes mild skin irritation. Harmful to aquatic life.

**Unknown acute toxicity** 1.08021% of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Components	CAS No.	Weight %
Acrylic Polymer	Proprietary	15 - 20%

Magnesium Fluorosilicate Hexahydrate	18972-56-0	1 - 5%
Tri-butoxyethyl phosphate	78-51-3	1 - 5%
Di-n-butyl phthalate	84-74-2	1 - 5%

The exact percentage (concentration) of composition has been withheld as a trade secret.

#### 4. FIRST AID MEASURES

<b>General advice:</b>	Show this safety data sheet to the doctor in attendance. Remove contaminated clothing and shoes. Wash contaminated clothing before re-use. Wash off with soap and water. If symptoms persist, call a physician.
<b>Eye contact:</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
<b>Skin contact:</b>	Remove contaminated clothing and shoes. Wash contaminated clothing before re-use. Wash off immediately with soap and plenty of water.
<b>Ingestion:</b>	If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.
<b>Inhalation:</b>	Move to fresh air in case of accidental inhalation of vapors. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.
<b>Note to physician:</b>	Treat symptomatically.
<b>Medical condition aggravated by exposure:</b>	None known.

#### 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Use dry chemical, CO2, water spray or `alcohol` foam.
<b>Specific hazards:</b>	Do not allow material to contaminate ground water system.
<b>Special protective equipment for fire-fighters:</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Specific methods:</b>	Water mist may be used to cool closed containers.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Ensure adequate ventilation. Do not breathe vapour/dust. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling
<b>Environmental precautions:</b>	Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up:</b>	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

### Handling

**Technical measures/precautions:** Provide sufficient air exchange and/or exhaust in work rooms.

**Safe handling advice:** In case of insufficient ventilation, wear suitable respiratory equipment. Do not breathe vapors or spray mist. Wear personal protective equipment. Avoid contact with skin and eyes. Wash thoroughly after handling.

### Storage

**Technical measures/storage conditions:** Store at room temperature in the original container

**Incompatible products:** Strong oxidizing agents

**Safe storage temperature:** 50 - 100 °F

**Shelf life:** 12 months

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	ACGIH Exposure Limits	OSHA TWA (final)	NIOSH - Pocket Guide
Magnesium Fluorosilicate Hexahydrate	2.5 mg/m <sup>3</sup> (TWA)	2.5 mg/m <sup>3</sup>	None
Di-n-butyl phthalate	5 mg/m <sup>3</sup> (TWA)	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup> (TWA)

**Engineering measures:** Ensure adequate ventilation.

### Personal Protective Equipment:

**General:** Eye Wash and Safety Shower

**Respiratory protection:** If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, a NIOSH-certified respirator with organic vapor/P100 filter should be worn.

**Eye protection:** Safety glasses with side-shields

**Hand protection:** Neoprene gloves

**Skin and body protection:** Long sleeved clothing

**Hygiene measures:** Avoid contact with skin, eyes and clothing.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Paste
<b>Appearance</b>	Opaque Colorless
<b>Odor</b>	Mild
<b>Odor Threshold</b>	No information available.
<b>pH concentrate:</b>	No information available
<b>pH Dilution</b>	No information available
<b>Melting/freezing point</b>	No information available
<b>Boiling Point/Range</b>	No information available
<b>Flash Point</b>	> 93.33 °C / > 200 °F
<b>Method</b>	Tag closed cup
<b>Evaporation rate</b>	No information available
<b>Flammability Limits in Air</b>	
upper flammability limit	No information available.
lower flammability limit	No information available.
<b>VOC Content</b>	No information available
<b>VOC Content Product (lb/gal)</b>	0.47
<b>VOC Content Product (g/L)</b>	61.31
<b>VOC less water and exempt (lb/gal)</b>	1.95
<b>VOC less water and exempt (g/L)</b>	233.06
<b>HAP Content Product (g/L):</b>	0
<b>HAP Content Product (lb/gal)</b>	0
<b>Solids (% w/w):</b>	22.32
<b>Solids (% v/v):</b>	19.81
<b>Vapor pressure</b>	No information available.
<b>Vapor density</b>	No information available.
<b>Specific Gravity (g/cc, 15 C)</b>	No information available
<b>Water Solubility</b>	Insoluble
<b>Solubility in other solvents</b>	No information available.
<b>Partition coefficient: n-octanol/water</b>	No information available

Autoignition temperature	No information available
Decomposition Temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available
Molecular Weight	No information available

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under recommended storage conditions.
<b>Conditions to avoid:</b>	None known.
<b>Materials to avoid:</b>	Strong oxidizing agents.
<b>Hazardous decomposition products:</b>	None under normal use.
<b>Hazardous Polymerization:</b>	Not applicable.

## 11. TOXICOLOGICAL INFORMATION

No toxicological information is available on the product. Data obtained on components are summarized below.

### Information on likely routes of exposure

<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Eye Contact</b>	Irritating to eyes.
<b>Skin Contact</b>	Prolonged contact may cause redness and irritation.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Components	LD50 Oral	LD50 Dermal	LC50 Inhalation
Acrylic Polymer	-	-	-
Magnesium Fluorosilicate Hexahydrate	-	-	-
Tri-butoxyethyl phosphate	3000 mg/kg ( Rat )	5000 mg/kg ( Rabbit )	6.4 mg/L ( Rat ) 4 h
Di-n-butyl phthalate	6300 mg/kg ( Rat )	2000 mg/kg ( Rabbit )	15.68 mg/L ( Rat ) 4 h

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen

Components	IARC Carcinogens	NTP	OSHA - Select Carcinogens
Acrylic Polymer	Not listed	Not listed	Not listed
Magnesium Fluorosilicate Hexahydrate	Not listed	Not listed	Not listed
Tri-butoxyethyl phosphate	Not listed	Not listed	Not listed
Di-n-butyl phthalate	Not listed	Not listed	Not listed

<b>Sensitization</b>	No information available.
<b>Mutagenic effects:</b>	No information available.
<b>Reproductive Toxicity</b>	Product contains a componet that is classified as a reproductive hazard. No testing has been conducted on the product itself.
<b>Developmental Toxicity</b>	No information available.
<b>Teratogenic</b>	No information available.
<b>Specific target organ systemic toxicity (single exposure)</b>	No information available.
<b>Specific target organ systemic toxicity (repeated exposure)</b>	No information available.
<b>Aspiration hazard</b>	No information available.

**Additional information on toxicological effects**

No information available

## 12. ECOLOGICAL INFORMATION

Components	Ecotoxicity - Fish Species Data:	Ecotoxicity - Freshwater Algae Data:	Ecotoxicity - Water Flea Data:
Acrylic Polymer	No data	No data	No data
Magnesium Fluorosilicate Hexahydrate	No data	No data	No data
Tri-butoxyethyl phosphate	10.4	No data	No data
Di-n-butyl phthalate	0.31 0.42 0.71 1.24 1.38 1.24124	=2.99mg/L =3.4mg/L 0.4 1.2	EC50 (Daphnia magna - 48h) = 2.99 mg/L EC50 (Daphnia magna - 48h) = 3.4 mg/L

27.483183% of the mixture consists of component(s) of unknown hazards to the aquatic environment

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

Components	Octanol/water partition coefficient
Acrylic Polymer	-
Magnesium Fluorosilicate Hexahydrate	-
Tri-butoxyethyl phosphate	-
Di-n-butyl phthalate	-

**Mobility:** No data available

**Ozone:** No data available

### 13. DISPOSAL CONSIDERATIONS

**Waste from residues/unused products:** Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

**Contaminated packaging:** Do not re-use empty containers

**Methods for cleaning up:** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

**Components** Di-n-butyl phthalate  
84-74-2

<b>RCRA - Hazardous Constituents - Appendix:</b>	U069
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### 14. TRANSPORT INFORMATION

**U. S. DEPARTMENT OF TRANSPORTATION:**

Proper shipping name: Not Regulated

**TDG (CANADA):**

Proper shipping name: Not Regulated

**IMDG/IMO:**

Proper shipping name: Not Regulated

**IATA/ICAO:**

Proper shipping name: Not Regulated

### 15. REGULATORY INFORMATION

**Federal Regulations**

**OSHA Hazard Communication Standard:** This product is considered to be hazardous under the OSHA Hazard Communication Standard.

**CERCLA/SARA Information:**

**SARA (311, 312) hazard class:** This product possesses the following SARA Hazard Categories:

**Immediate Health (Acute):** Yes  
**Delayed Health (Chronic):** No  
**Flammability:** No  
**Pressure:** No  
**Reactivity:** No

Components	Hazardous Substances and RQs	Extremely Hazardous Substances and TPQs	SARA 313 Emission Reporting
Acrylic Polymer	Not listed	Not listed	Not listed
Magnesium Fluorosilicate Hexahydrate	Not listed	Not listed	Not listed



Tri-butoxyethyl phosphate	Not listed	Not listed	Not listed
Di-n-butyl phthalate	10 lb	Not listed	1.0 %

**CERCLA/SARA 313 Emission reporting:** 2.65 % Glycol ether (EPA Code N230)

**Clean Air and Clean Water Acts:**

Components	Hazardous Air Pollutants	CWA - Hazardous Substances	CWA - Toxic Pollutants	CWA - Priority Pollutants
Acrylic Polymer	Not listed	Not listed	Not listed	Not listed
Magnesium Fluorosilicate Hexahydrate	Not listed	Not listed	Not listed	Not listed
Tri-butoxyethyl phosphate	Not listed	Not listed	Not listed	Not listed
Di-n-butyl phthalate	Listed	Listed	Listed	Listed

**U.S. STATE REGULATIONS (RTK):**

Components	California Proposition 65	PARTK	MI Critical Materials	NJRTK	MARTK
Acrylic Polymer	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Magnesium Fluorosilicate Hexahydrate	Not Listed	Present	Not Listed	0936	Not Listed
Tri-butoxyethyl phosphate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Di-n-butyl phthalate	developmental toxicity	Environmental hazard	Not Listed	0773	Present

**California Proposition 65 Status:** May contain trace amounts of listed chemicals: formaldehyde.

**RCRA Status:** Not regulated

**CANADIAN REGULATIONS:**

**Canada - WHMIS Classification Information:** This product has been classified according to the hazard criteria of the CPR and the SDS contains all the information required by the CPR.

**Product Classification Graphic(s):**

**Component Classification Data:**

Components	WHMIS hazard class	CEPA Schedule I	Challenge Substances
Acrylic Polymer	None	Not listed	Not listed
Magnesium Fluorosilicate Hexahydrate	None	Not listed	Not listed
Tri-butoxyethyl phosphate	Uncontrolled product according to WHMIS classification criteria	Not listed	Not listed
Di-n-butyl phthalate	D2A	Not listed	Not listed

**INVENTORY STATUS:**

**United States TSCA - Sect. 8(b) Inventory:** This product complies with TSCA

## 16. OTHER INFORMATION

Sources of key data used to compile Material safety data sheets of the ingredients.  
the data sheet:

Prepared by: Safety, Health and Environmental Department

Revision Date: 05/26/2015

Reason for revision: New Format.

**Personal protection recommendations should be reviewed by purchasers. Workplace conditions are important factors in specifying adequate protection.**

### Disclaimer

This product's safety information is provided to assist our customers in assessing compliance with safety/health/environmental regulations. The information contained herein is based on data available to us and is believed to be accurate. However, no warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of this data, the results to be obtained from the use thereof, or the hazards connected with the use of the product. Since the use of this product is within the exclusive control of the user, it is the user's obligation to determine the conditions for safe use of the product. Such conditions should comply with all regulations concerning the product. The company referenced in this Safety Data Sheet assumes no liability for any injury or damage, direct or consequential, resulting from the use of this product unless such injury or damage is attributable to the gross negligence of such company.

**End of Safety Data Sheet**