



SAFETY DATA SHEET

Print date:

Revision Date: 04/16/2015

Revision Number: 1

1. COMPANY AND PRODUCT IDENTIFICATION

Product identifier

Product Name: EASY SHINE SATIN FINISH
Product code: 48CF-1

Other means of identification

Synonyms No information available.

Application

Recommended Use Coating Fluid
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
Flammable liquids	Category 4

Label Elements

Emergency Overview

DANGER

Hazard Statements
 Causes serious eye irritation
 May damage fertility or the unborn child
 Harmful to aquatic life with long lasting effects
 Combustible liquid



Appearance Opaque white **Physical State** Liquid **Odor** 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
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking

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
 In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store locked up
 Store in a well-ventilated place. Keep cool

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 1.1% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS No.	Weight %
Acrylic polymer(s)	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

General advice:	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.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Skin contact:	Remove contaminated clothing and shoes. Wash contaminated clothing before re-use. Wash off immediately with soap and plenty of water.
Ingestion:	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.
Inhalation:	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.
Note to physician:	Treat symptomatically.
Medical condition aggravated by exposure:	Dermatitis. Lung diseases. Preexisting disorders of the liver, kidney, and central nervous system may be aggravated by exposure to this material.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Use dry chemical, CO ₂ , water spray or `alcohol` foam.
Specific hazards:	Do not allow material to contaminate ground water system.
Special protective equipment for fire-fighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Specific methods:	Water mist may be used to cool closed containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Ensure adequate ventilation. Use personal protective equipment. Do not breathe vapour/dust. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling
------------------------------	--

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

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.

7. HANDLING AND STORAGE

Handling

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

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

Storage

Technical measures/storage conditions: DO NOT FREEZE Store at room temperature in the original container

Incompatible products: strong acids and oxidizing agents Bases

Safe storage temperature: 40 - 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 ³ (TWA)	2.5 mg/m ³	None
Di-n-butyl phthalate	5 mg/m ³ (TWA)	5 mg/m ³	5 mg/m ³ (TWA)
Silica, amorphous, fumed, cryst.-free	10	None	None

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: Goggles, Wear face-shield and protective suit for abnormal processing problems

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

Physical State	Liquid
Appearance	Opaque white
Odor	Mild
Odor Threshold	No information available.
pH:	No information available
pH Dilution	No information available
Melting/freezing point	No information available
Boiling Point/Range	No information available
Flash Point	93 °C / 200 °F
Method	Tag closed cup
Evaporation rate	No information available
Flammability Limits in Air upper flammability limit	No information available.
lower flammability limit	No information available.
VOC Content	No information available
VOC Content Product (lb/gal)	0.51
VOC Content Product (g/L)	61.13
VOC less water and exempt (lb/gal)	1.93
VOC less water and exempt (g/L)	231.06
HAP Content Product (g/L):	0
HAP Content Product (lb/gal)	0
Solids (% w/w):	22.72
Solids (% v/v):	19.98
Vapor pressure	No information available.
Vapor density	No information available.
Specific Gravity (g/cc, 15 C)	No information available

Density @ 25 ° C. (g/cc):	1.027
Bulk Density @ 77° F. (lb/gal):	8.57
Water Solubility	Insoluble
Solubility in other solvents	No information available.
Partition coefficient: n-octanol/water	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

Stability:	Stable under recommended storage conditions.
Conditions to avoid:	None known.
Materials to avoid:	Strong acids and oxidising agents. Bases. Nitrites.
Hazardous decomposition products:	Carbon oxides. Nitrogen oxides (nox). Oxides of phosphorus. Oxides of zinc. Hydrogen fluoride.
Hazardous Polymerization:	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

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

Components	LD50 Oral	LD50 Dermal	LC50 Inhalation
Acrylic polymer(s)	-	-	-
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(s)	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

Sensitization

No information available.

Mutagenic effects:

No information available.

Reproductive Toxicity

Product contains a component that is classified as a reproductive hazard. No testing has been conducted on the product itself.

Developmental Toxicity

No information available.

Teratogenic

No information available.

Specific target organ systemic toxicity (single exposure)

No information available.

Specific target organ systemic toxicity (repeated exposure)

No information available.

Aspiration hazard

No information available.

Additional information on toxicological effects

No information available

Dipropylene glycol monomethyl ether has shown kidney and liver effects in animal studies

12. ECOLOGICAL INFORMATION

Components	Ecotoxicity - Fish Species Data:	Ecotoxicity - Freshwater Algae Data:	Ecotoxicity - Water Flea Data:
Acrylic polymer(s)	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

27.2528138% of the mixture consists of components(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(s)	-
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

RCRA - Hazardous Constituents - Appendix:	U069
--	------

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): Yes
Flammability: No
Pressure: No
Reactivity: No

Components	Hazardous Substances and RQs	Extremely Hazardous Substances and TPQs	SARA 313 Emission Reporting
Acrylic polymer(s)	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 %

Clean Air and Clean Water Acts:

Components	Hazardous Air Pollutants	CWA - Hazardous Substances	CWA - Toxic Pollutants	CWA - Priority Pollutants
Acrylic polymer(s)	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(s)	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.

Canadian Product Classification: Class D1
Class D2B

Product Classification Graphic(s):



Component Classification Data:

Components	WHMIS hazard class	CEPA Schedule I	Challenge Substances
Acrylic polymer(s)	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

Canada DSL/NDSL Inventory List

Compliance has not been determined

16. OTHER INFORMATION

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

Prepared by:

Safety, Health and Environmental Department

Revision Date:

04/16/2015

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