



SAFETY DATA SHEET

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1. COMPANY AND PRODUCT IDENTIFICATION

Product identifier

Product Name: KEMIKO® STONE TONE WAX II (WATER BASED)
Product code: 43C-1

Other means of identification

Synonyms No information available.

Application

Recommended Use Concrete Wax
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 2
Skin Sensitization	Category 1
Carcinogenicity	Category 2
Chronic aquatic toxicity	Category 3
Flammable liquids	Category 4

Label Elements

Emergency Overview

WARNING		
Hazard Statements		
Causes serious eye irritation		
May cause an allergic skin reaction		
Suspected of causing cancer		
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 breathing dust/fume/gas/mist/vapors/spray
- Contaminated work clothing should not be allowed out of the workplace
- wear protective gloves
- 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
- Specific treatment (see first aid on this label)
- 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
- IF ON SKIN: Wash with plenty of soap and water
- If skin irritation or rash occurs: Get medical advice/attention
- Wash contaminated clothing before reuse
- 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

Causes mild skin irritation. Harmful to aquatic life.

Unknown acute toxicity

0.4% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS No.	Weight %
Talc	14807-96-6	10 - 15%
Alcohols, C9-C11, ethoxylated	68439-46-3	1 - 5%
Alcohols, C16-C18, ethoxylated	68439-49-6	1 - 5%
oxybis(methyl-2,1-ethanediyl) diacrylate	57472-68-1	1 - 5%
2,2,4-Trimethyl-1,3-pentane di ol mono 2-methyl propanoate	25265-77-4	1 - 5%
Oxidized polyethylene wax	Proprietary	<1%

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.

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: Evacuate personnel to safe areas. Use personal protective equipment. Ensure adequate ventilation. 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.

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: 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 DO NOT FREEZE

Incompatible products: Strong oxidizing agents

Safe storage temperature: >60 °F

Shelf life: 12 months

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	ACGIH Exposure Limits	OSHA TWA (final)	NIOSH - Pocket Guide
Talc	2 mg/m ³ (TWA)	None	2 mg/m ³ (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

Physical State	Liquid
Appearance	Opaque white
Odor	Mild
Odor Threshold	No information available.
pH concentrate:	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	Cleveland Open Cup (COC)
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
Vapor pressure	No information available.
Vapor density	No information available.
Specific Gravity (g/cc, 15 C)	1.084
Bulk Density (lb/gal, 15 C)	9.05
Water Solubility	Dispersible

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 oxidizing agents.
Hazardous decomposition products:	Carbon oxides. Nitrogen oxides (nox).
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	May cause sensitization by skin contact.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Components	LD50 Oral	LD50 Dermal	LC50 Inhalation
Talc	-	-	-
Alcohols, C9-C11, ethoxylated	1378 mg/kg (Rat)	2 g/kg (Rabbit)	-
Alcohols, C16-C18, ethoxylated	1260 mg/kg (Rat)	-	-
oxybis(methyl-2,1-ethanediyl) diacrylate	4600 mg/kg (Rat)	2 g/kg (Rabbit)	-
2,2,4-Trimethyl-1,3-pentane di ol mono 2-methyl propanoate	3200 mg/kg (Rat)	15200 mg/kg (Rat)	-
Oxidized polyethylene wax	-	-	-

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

Carcinogenicity

Occupational health effects due to inhalation of mineral dusts incorporating crystalline silica (quartz, cristobalite, tridymite), crystalline silicates (kaolin, talc) graphite or coal unlikely to occur from exposure to this product.

Components	IARC Carcinogens	NTP	OSHA - Select Carcinogens
Talc	Not listed	Not listed	Not listed
Alcohols, C9-C11, ethoxylated	Not listed	Not listed	Not listed
Alcohols, C16-C18, ethoxylated	Not listed	Not listed	Not listed
oxybis(methyl-2,1-ethanediy) diacrylate	Not listed	Not listed	Not listed
2,2,4-Trimethyl-1,3-pentane di ol mono 2-methyl propanoate	Not listed	Not listed	Not listed
Oxidized polyethylene wax	Not listed	Not listed	Not listed

Sensitization

Product contains a component that is classified as a skin sensitizer. No studies have been conducted on the product itself.

Mutagenic effects:

No information available.

Reproductive Toxicity

No information available.

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

12. ECOLOGICAL INFORMATION

Components	Ecotoxicity - Fish Species Data:	Ecotoxicity - Freshwater Algae Data:	Ecotoxicity - Water Flea Data:
Talc	100100	No data	No data
Alcohols, C9-C11, ethoxylated	No data	No data	No data
Alcohols, C16-C18, ethoxylated	No data	No data	No data
oxybis(methyl-2,1-ethanediy) diacrylate	No data	No data	No data
2,2,4-Trimethyl-1,3-pentane di ol mono 2-methyl propanoate	LC50 (Pimephales promelas - 96h) = 0.032 mg/L LC50 (Fathead minnow - 96h) = 33 mg/l (Eastman) LC50 (Sideswimmer - 96h) > 95 mg/l (Eastman)	18.4	LC50 (Daphnia magna - 96h) = 95 mg/L

Oxidized polyethylene wax	No data	No data	No data
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20.7175% 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
Talc	-
Alcohols, C9-C11, ethoxylated	-
Alcohols, C16-C18, ethoxylated	-
oxybis(methyl-2,1-ethanediyl) diacrylate	-
2,2,4-Trimethyl-1,3-pentane diol mono 2-methyl propanoate	-
Oxidized polyethylene wax	-

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.

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
Talc	Not listed	Not listed	Not listed
Alcohols, C9-C11, ethoxylated	Not listed	Not listed	Not listed
Alcohols, C16-C18, ethoxylated	Not listed	Not listed	Not listed
oxybis(methyl-2,1-ethanediyl) diacrylate	Not listed	Not listed	Not listed
2,2,4-Trimethyl-1,3-pentane di ol mono 2-methyl propanoate	Not listed	Not listed	Not listed
Oxidized polyethylene wax	Not listed	Not listed	Not listed

Clean Air and Clean Water Acts:

Components	Hazardous Air Pollutants	CWA - Hazardous Substances	CWA - Toxic Pollutants	CWA - Priority Pollutants
Talc	Not listed	Not listed	Not listed	Not listed
Alcohols, C9-C11, ethoxylated	Not listed	Not listed	Not listed	Not listed
Alcohols, C16-C18, ethoxylated	Not listed	Not listed	Not listed	Not listed
oxybis(methyl-2,1-ethanediyl) diacrylate	Not listed	Not listed	Not listed	Not listed
2,2,4-Trimethyl-1,3-pentane di ol mono 2-methyl propanoate	Not listed	Not listed	Not listed	Not listed
Oxidized polyethylene wax	Not listed	Not listed	Not listed	Not listed

U.S. STATE REGULATIONS (RTK):

Components	California Proposition 65	PARTK	MI Critical Materials	NJRTK	MARTK
Talc	Not Listed	Present	Not Listed	1773	Present
Alcohols, C9-C11, ethoxylated	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Alcohols, C16-C18, ethoxylated	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
oxybis(methyl-2,1-ethanediyl) diacrylate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
2,2,4-Trimethyl-1,3-pentane di ol mono 2-methyl propanoate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Oxidized polyethylene wax	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

California Proposition 65 Status: May contain trace amounts of listed chemicals: ethylene oxide, benzene.

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: None Required

Product Classification Graphic(s):

Component Classification Data:

Components	WHMIS hazard class	CEPA Schedule I	Challenge Substances
Talc	D2A	Not listed	Not listed
Alcohols, C9-C11, ethoxylated	None	Not listed	Not listed
Alcohols, C16-C18, ethoxylated	None	Not listed	Not listed
oxybis(methyl-2,1-ethanediyl) diacrylate	None	Not listed	Not listed
2,2,4-Trimethyl-1,3-pentane di ol mono 2-methyl propanoate	Uncontrolled product according to WHMIS classification criteria	Listed	Not listed
Oxidized polyethylene wax	None	Not listed	Not listed

INVENTORY STATUS:

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

Canada DSL/NDSL Inventory List This product complies with DSL

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: 05/06/2015

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