

SAFETY DATA SHEET

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Revision Number: 1

1. COMPANY AND PRODUCT IDENTIFICATION

Product identifier

Product Name: KEMIKO® Stone Tone Buff-On Wax - Low Sheen

Product code: 42C-1-02

Other means of identification

Synonyms No information available

Application

Recommended Use Adhesives and/or Sealants
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)

Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1B
Specific target organ toxicity (repeated exposure)	Category 1
Aspiration toxicity	Category 1
Flammable liquids	Category 3

Label Elements

Emergency Overview

DANGER		
Hazard Statements		
May cause genetic defects		
May cause cancer		
Causes damage to organs through prolonged or repeated exposure		
May be fatal if swallowed and enters airways		
Flammable liquid and vapor		
		
Appearance Opaque White	Physical State Liquid	Odor Characteristic

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
Do not breathe dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Keep away from heat/sparks/open flames/hot surfaces. — No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use explosion-proof electrical/ventilating/lighting/ construction /equipment
Use only non-sparking tools
Take precautionary measures against static discharge

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do not induce vomiting
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

None known.

Unknown acute toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS No	Weight %
Solvent naphtha, petroleum, med. aliphatic	64742-88-7	50 - 60%
Talc	14807-96-6	10 - 15%
Stoddard solvent	8052-41-3	5 - 10%

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 with soap and plenty of water.
Ingestion:	If swallowed, seek medical advice immediately and show this container or label. Never give anything by mouth to an unconscious person Do not induce vomiting without medical advice. Aspiration may cause pulmonary oedema and pneumonitis.
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 and asthma.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Carbon dioxide (CO2) Dry chemical Water spray mist or 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. Remove all sources of ignition. Avoid contact with skin, eyes and clothing. Do not breathe vapour/dust. Wash thoroughly after handling.

Environmental precautions: Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so.

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

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. Keep away from open flames, hot surfaces and sources of ignition. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded.

Storage

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

Incompatible products: Strong oxidizing agents

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
Paraffin waxes & Hydrocarbon waxes, Microcrystalline	2 mg/m ³ (Paraffin wax fume)	None	None
Talc	2 mg/m ³ (TWA)	None	2 mg/m ³ (TWA)
Stoddard solvent	100 ppm (TWA)	500 ppm 2900 mg/m ³	350 mg/m ³ (TWA) 1800 mg/m ³ (Ceiling)

Silica, crystalline (quartz)	0.025 mg/m ³ (TWA)	None	0.05 mg/m ³ (TWA)
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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	Characteristic
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	41 °C / 106 °F
Method	No information available
Evaporation rate	No information available
Flammability Limits in Air	
upper flammability limit	No information available
lower flammability limit	No information available
VOC Content Product (lb/gal)	4.67

VOC Content Product (g/L)	559.54
VOC less water and exempt (lb/gal)	5.03
VOC less water and exempt (g/L)	602.16
HAP Content Product (g/L):	0
HAP Content Product (lb/gal)	0
Solids (% w/w):	31.43
Solids (% v/v):	22.15
Vapor pressure	No information available
Vapor density	No information available
Specific Gravity (g/cc, 15 C)	0.868
Bulk Density (lb/gal, 15 C)	7.24
Density @ 25 ° C. (g/cc):	0.919
Bulk Density @ 77 ° F. (lb/gal):	7.672
Water Solubility	Insoluble in water
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:	Heat, flames and sparks.
Materials to avoid:	Strong oxidizing agents.
Hazardous decomposition products:	Carbon oxides.
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	Contact with eyes may cause irritation.
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
Solvent naphtha, petroleum, med. aliphatic	> 5000 mg/kg (Rat) Oral LD50 Rat >5000 mg/kg (Source: IUCLID)	= 3000 mg/kg (Rabbit) Dermal LD50 Rabbit 3000 mg/kg (Source: IUCLID)	> 5.28 mg/L (Rat) 4 h Inhalation LC50 Rat >5.28 mg/L 4 h (Source: NLM_CIP)
Talc	-	-	-
Stoddard solvent	500	-	-

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
Solvent naphtha, petroleum, med. aliphatic	Not listed	Not listed	Not listed
Talc	Group 3	Not listed	Not listed
Stoddard solvent	Not listed	Not listed	Not listed

Sensitization	No information available.
Mutagenic effects:	Product contains a component that is classified as a mutagen. No testing has been conducted on the product itself.
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)	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	May be fatal if swallowed and enters airways. Risk of serious damage to the lungs (by aspiration).

Additional information on toxicological effects

No information available

Individuals exposed to Stoddard solvent have reported eye irritation, acute central nervous system symptoms such as headache, dizziness, performance speed reductions, cyanosis, apnea and cardiac arrest. Single cases of acute toxicity to the liver, kidney and bone marrow have been reported in individuals who have been exposed to high concentrations of this distillate. Clinical studies reveal blood effects in exposed workers. Dermal exposure to Stoddard solvent causes dermatitis and irritation.

12. ECOLOGICAL INFORMATION

Components	Ecotoxicity - Fish Species Data:	Ecotoxicity - Freshwater Algae Data:	Ecotoxicity - Water Flea Data:
Solvent naphtha, petroleum, med. aliphatic	= 800 mg/L LC50	>100mg/L = 450 mg/L EC50	EC50 (Daphnia magna - 48h) = 100 mg/L
Talc	> 100 g/L LC50	No data	No data
Stoddard solvent	No data	No data	No data

19.8602% 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
Solvent naphtha, petroleum, med. aliphatic	-
Talc	-
Stoddard solvent	-

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

14. TRANSPORT INFORMATION

U. S. DEPARTMENT OF TRANSPORTATION:

UN/NA ID Number: UN1993
Proper shipping name: Flammable Liquid, n.o.s. (stoddard solvent)
Hazard class: 3
PG: III
DOT ERG: ERG 128

TDG (CANADA):

UN nr: UN1993
Proper shipping name: Flammable Liquid, n.o.s. (contains stoddard solvent)
TDG Hazard Classification: 3
Packing group: III

IMDG/IMO:

UN nr: UN1993
Proper shipping name: Flammable Liquid, n.o.s. (stoddard solvent)
Class: 3
Packing group: III
EMS: F-E, S-E
Limited quantity: 5 L

IATA/ICAO:

UN nr: UN1993
Proper shipping name: Flammable Liquid, n.o.s. (stoddard solvent)
Hazard Class: 3
Packing group: III
Maximum quantity for cargo only: 220 L
Maximum quantity for passenger: 60 L
Limited quantity: 10 L

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: Yes
Pressure: No
Reactivity: No

Components	Hazardous Substances and RQs	Extremely Hazardous Substances and TPQs	SARA 313 Emission Reporting
Solvent naphtha, petroleum, med. aliphatic	Not listed	Not listed	Not listed

Talc	Not listed	Not listed	Not listed
Stoddard solvent	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
Solvent naphtha, petroleum, med. aliphatic	Not listed	Not listed	Not listed	Not listed
Talc	Not listed	Not listed	Not listed	Not listed
Stoddard solvent	Not listed	Not listed	Not listed	Not listed

U.S. STATE REGULATIONS (RTK):

Components	California Proposition 65	PARTK	MI Critical Materials	NJRTK	MARTK
Solvent naphtha, petroleum, med. aliphatic	Not Listed	Not Listed	Not Listed	4006	Not Listed
Talc	Not Listed	Present	Not Listed	1773	Present
Stoddard solvent	Not Listed	Present	Not Listed	1736	Present

California Proposition 65 Status: May contain trace amounts of listed chemicals: naphthalene, toluene, ethylbenzene.

RCRA Status: To be disposed of as characteristic hazardous waste: characteristic: Ignitable (D001).

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 B
Class D2B

Product Classification Graphic(s):



Component Classification Data:

Components	WHMIS hazard class	CEPA Schedule I	Challenge Substances
Solvent naphtha, petroleum, med. aliphatic	B3	Not listed	Not listed
Talc	D2A	Not listed	Not listed
Stoddard solvent	B3,D2B	Not listed	Not listed

INVENTORY STATUS:

United States TSCA 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: 10/14/2015

Reason for revision: New modification.

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