

KOP-COAT, INC  
 MARINE GROUP EAST  
 36 PINE STREET  
 ROCKAWAY  
 NJ 07866

EMERGENCIES  
 HEALTH/SPILLS.....: 800-548-0489  
 CHEMTREC ASSISTANCE: 800-424-9300  
 CHEMTREC OUTSIDE US: 703-527-3887  
 CANUTEC.....: 613-996-6666

KOP-COAT, INC  
 PRODUCT INFORMATION: 800-221-4466  
 OUTSIDE USA.....: 973-625-3100

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 1 PRODUCT IDENTIFICATION  
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PRODUCT NAME: 3518 Easyoxy Sandtone  
 PRODUCT USE.: Topside coating  
 APPEARANCE..: Beige liquid with hydrocarbon odor  
 CAS NUMBER..: Mixture  
 SYNONYMS....: None

REVISION...: 4  
 DATE.....: 7/06/04  
 MSDS NUMBER: 1351800

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 2 HAZARDOUS INGREDIENTS  
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HAZARDOUS COMPONENT	REG AGENCY	PPM	NOTES	MG/M3	NOTES
Titanium dioxide CAS NUMBER:13463-67-7 PERCENT BY WGT: 30 TO 35	ACGIH-TWA NIOSH OSHA TWA	- - -	(+)	10 - 10	(+) 1
Aluminum hydroxide CAS NUMBER:21645-51-2 PERCENT BY WGT: 1 TO 5	ACGIH-TLV			10	24
Petroleum naphtha CAS NUMBER:64742-88-7 PERCENT BY WGT: 25 TO 30	NIOSH NIOSH STEL OSHA TWA	- - 400		350 1800 1600	4
Amorphous, Silicon Dioxide CAS NUMBER:7631-86-9 PERCENT BY WGT: 1 TO 5	ACGIH-TLV OSHA-TWA	-		10 6	
Kerosene CAS NUMBER:8008-20-6 PERCENT BY WGT: 1 TO 5			(None established.)		

NOTES:

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2 HAZARDOUS INGREDIENTS  
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NOTES:

- 1) Total dust
- 4) The short term exposure limit (STEL) is a 15-minute TWA that should not be exceeded at any time during a workday.
- 24) As aluminum (TWA)
- (+) NIOSH Occupational Carcinogen

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3 HAZARDS IDENTIFICATION  
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EYE: Direct contact with liquid or vapor causes irritation.

SKIN: Prolonged or repeated contact with the skin can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). May be absorbed through the skin resulting in systemic effects.

INHALATION: High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches or unconsciousness). Prolonged overexposure to solvents has been reported to cause brain or nervous system damage. Prolonged overexposure to solvent ingredients may cause adverse effects to the liver and kidneys.

INGESTION: Harmful if swallowed. May cause vomiting, diarrhea and depressed respiration. Aspiration of this product into the lungs due to vomiting may cause chemical pneumonitis which can be fatal.

Individuals with pre-existing disease in or a history of ailments involving the skin, eye, respiratory tract, liver, kidney, central nervous system are at a greater than normal risk of developing adverse effects when exposed to this material.

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4 FIRST AID MEASURES  
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EYE CONTACT: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing the eye.

SKIN CONTACT: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. Wash contaminated clothing before reuse.

INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth. Call a poison control center or doctor for further treatment advice.

INGESTION: Immediately call a poison control center or doctor. Do not induce

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4 FIRST AID MEASURES  
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vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: There is no specific antidote for effects from overexposure to this material. Treatment should be directed at the control of symptoms and the clinical condition.

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5 FIRE FIGHTING MEASURES  
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FLASH POINT: 112 F/46C

EXTINGUISHING MEDIA: Use dry chemical, carbon dioxide, water spray or foam.

FIRE FIGHTING PROCEDURES: As in any fire, wear complete fire service protective equipment, including full-face MSHA/NIOSH approved or equivalent self-contained breathing apparatus. Use water to cool fire-exposed container/structure/protect personnel.

FIRE AND EXPLOSION HAZARDS: Can release vapors that form explosive mixtures. Vapors can travel to a source of ignition and flash back. Closed containers may explode when exposed to extreme heat (fire). Toxic vapors may be given off in a fire.

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6 SPILL AND LEAK PROCEDURES  
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Stop spill/leak if no risk involved. Avoid breathing vapors. Eliminate ALL sources of ignition such as flares, flames (including pilot lights), and electrical sparks. Ventilate area. Take up carefully to avoid heat and sparks. Use an inert absorbent to complete a clean-up. This material reacts with oxidizing materials. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

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7 HANDLING AND STORAGE  
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HANDLING: Avoid prolonged or repeated breathing of vapors, mists or fumes. Do not get on skin, in eyes or on clothing. Spray paint in accordance with OSHA 29 CFR 1910.107. Use with adequate ventilation. Wash thoroughly after handling

STORAGE: Store in areas/buildings designed to comply with OSHA 1910.106. Keep in a closed, labeled container within a cool (well-shaded), dry, ventilated area. Protect from physical damage. Keep containers closed when material is not in use. Maintain good housekeeping.

7 HANDLING AND STORAGE

OTHER: Keep away from heat and open flame. If post application/use processing of this product generates dust or if spray application is made, " Exposure Limits " in Section 2 apply. Do not use until manufacturer's precautions have been read/understood. Containers of this material may be hazardous when empty. Since emptied containers retain product residues (vapor, liquid), all hazard precautions given in the data sheet must be observed. All five gallon pails and larger containers, should be grounded and/or bonded when material is transferred.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Ventilation is normally required when handling or using this product to keep exposure to airborne contaminants below the exposure limit. Facilities storing or utilizing this product should be equipped with an eyewash station and shower.

RESPIRATORS: Ensure fresh air entry during application and drying. If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, or if air monitoring demonstrates vapor level is above applicable limits, wear an appropriate, properly fitted respirator (NIOSH/MSHA approved or equivalent) during and after application. Respirator selection, use and maintenance should be in accordance with the requirements in 29 CFR 1910.134 and NIOSH 42 CFR 84, whenever workplace conditions warrant a respirator's use.

PERSONAL PROTECTIVE EQUIPMENT: Industrial safety glasses at a minimum. As necessary for work area conditions: use side shields, goggles, or faceshield. As required, chemical resistant flexible-type gloves (heavy duty neoprene or equal). Wear industrial-type work clothing and safety footwear. Depending on working conditions, i.e., contact potential, wear resistant protective garments such as head/neck cover, aprons, jackets, pants, coveralls, boots, etc.

9 PHYSICAL AND CHEMICAL PROPERTIES

Weight Per Gallon (lbs): 10.460 % VOL by Weight.: Not determined
Vapor Density.: (Air=1)>1 Boiling Point...: Not determined
Vapor Pressure: Not determined Evaporation Rate: (ether=1)<1
pH.....: Not determined Specific Gravity: > 1
Solubility In Water: Negligible Viscosity.....: Not determined
VOC Content.....: 376 g/L

10 STABILITY AND REACTIVITY DATA

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STABILITY: Stable  
HAZARDOUS POLYMERIZATION: Will not occur.  
INCOMPATIBILITY: Avoid oxidizing agents, heat, sparks and open flames.  
HAZARDOUS DECOMPOSITION PRODUCT(S): Carbon monoxide, carbon dioxide, smoke, fumes, and/or unburned hydrocarbons.

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11 TOXICOLOGICAL INFORMATION  
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Kerosene - Laboratory animal studies have found increased incidence of skin tumors from repeated dermal exposure. Kerosene has not be identified as a carcinogen by IARC, NTP or OSHA.

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12 ECOLOGICAL INFORMATION  
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Product has not been tested for ecotoxicity.

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13 DISPOSAL CONSIDERATIONS  
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This product as supplied is a USEPA defined ignitable hazardous waste. Dispose of unusable product as a hazardous waste (D001) in accordance with local, state and federal regulations.

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14 TRANSPORTATION INFORMATION  
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DEPARTMENT OF TRANSPORTATION REPORTABLE QUANTITIES

REPORTABLE QTY (LBS)	HAZARDOUS SUBSTANCE
100	Xylene

DOT PROPER SHIPPING NAME: Consumer commodity  
DOT HAZARD CLASS: ORM-D  
LABEL: None  
DOT IDENTIFICATION NUMBER: None  
DOT information for domestic ground transportation.

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15 REGULATORY INFORMATION  
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WARNING: THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

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15 REGULATORY INFORMATION  
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No additional information available.

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16 OTHER INFORMATION  
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NOTICE: This document is generated for the purpose of distributing health, safety and environmental data. The information on this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. Kop-Coat makes no warranty with respect thereto and disclaims all liability from reliance thereon.

PREPARED BY: Manager of Health, Safety and Environmental Affairs

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