

RAMUC®

MATERIAL SAFETY DATA SHEET

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| Supplier: | Kop-Coat, Inc. RAMUC 36 Pine Street Rockaway, NJ 07866 | EMERGENCIES: Health/spills.....: Chemtrec Assistance.....: Chemtrec Outside USA.....: | 800-548-0489 800-424-9300 703-527-3887 |
| | | Kop-Coat, Inc. Product Information.....: Outside USA.....: | 800-221-4466 973-625-3100 |

1. Product Information

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|---------------------|---------------------------------|
| Product name | Skid-Tex 22242 - Paint Additive |
| Product code | 922242000\1 |

Issuing date: 04/03/2012 **Contact person:** Environmental Health and Safety

2. Hazards identification

Emergency Overview

Appearance: Beige granular solid **Odor:** None

Hazards: CAUTION!
May cause eye and skin irritation.

Potential health effects

Primary Routes of Entry: Eye contact, ingestion, skin contact, inhalation, and absorption.

Eye contact:

May cause eye irritation. Symptoms may include stinging, tearing, and redness of eyes.

Ingestion:

Not anticipated to cause adverse effects with normal occupational use. Swallowing large amounts may cause gastrointestinal disturbances, such as vomiting, nausea or diarrhea.

Skin contact:

This material is not expected to be irritating to the skin.

Inhalation:

May cause irritation to the nose, throat and respiratory tract.

Chronic effects:

Contains material which can cause cancer. Risk of cancer depends on duration and level of exposure.

Target Organs: Not Determined

This product contains carcinogens or potential carcinogens as listed by IARC or NTP. See Section 3 NTP, IARC (Carc.) columns for chemical identification.

3. Composition/information on ingredients

| Chemical Name | CAS-No. | Weight % | Carc |
|---|----------------|-----------------|-------------|
| Pumice/Potassium Sodium Aluminosilicate | 1332-09-8 | 50 - 70 | |
| Crystalline silica, quartz | 14808-60-7 | 1 - 10 | * |

4. FIRST AID MEASURES

Eye contact:

Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. Obtain medical advice.

Ingestion:

If irritation or discomfort occur, obtain medical advice.

Skin contact:

No health effects expected. If irritation does occur, flush with lukewarm water for 5 minutes. If irritation persists, obtain medical advice.

Inhalation:

If symptoms are experienced remove source of contamination or move victim to fresh air. Obtain medical advice.

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.

5. FIRE-FIGHTING MEASURES

Flash point None

Extinguishing media:

Use water spray or fog, foam, dry chemical or carbon dioxide.

Hazardous combustion products:

See Section 10 for potential decomposition products.

Protective equipment and precautions for firefighters:

Non-flammable. Cool fire-exposed containers using water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal & Environmental Precautions:

Follow personal protective equipment recommendations found in Section 8. Personal protection needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the training and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits.

Methods of Containment & Clean-up and Other Information:

Contain spills with dikes and absorbents (sand, earth, dry chemical absorbent) to prevent migration and entry into waterways.

7. HANDLING AND STORAGE

Handling:

Avoid contact with eyes, skin or clothing. Avoid inhalation (vapor, mist, dust or fume, as applicable). Use only with adequate ventilation. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling.

Storage:

Keep containers closed when not in use. Store in cool, well ventilated space away from incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| Chemical Name | CAS-No. | Z-1 PEL | Z-2 PEL | ACGIH TLV |
|---|------------|---------|---------|------------|
| Pumice/Potassium Sodium Aluminosilicate | 1332-09-8 | | | |
| Crystalline silica, quartz | 14808-60-7 | | | 0.025 MGM3 |

Engineering measures:

Use adequate ventilation to maintain airborne concentrations at levels below permissible or recommended occupational exposure limits

Eye/face protection:

Wear chemical-resistant glasses and/or goggles and a face shield when eye and face contact is possible due to splashing or spraying of material.

Skin protection:

Chemical-resistant, flexible-type gloves (Viton(R), neoprene, nitrile or equal) to prevent contact. Gloves should be rinsed and removed immediately after use. Wash hands after removing gloves. Wear chemical-resistant clothing (e.g. apron, pants, coveralls) and safety footwear as appropriate.

Respiratory protection:

Respiratory protection may be necessary under certain use conditions. Under such conditions, an appropriate, properly fitted NIOSH-approved respirator must be worn. If respirators are used, a program should be instituted to assure compliance with 29 CFR 1910.34 and 42 CFR 84.

General hygiene considerations:

Facilities utilizing this material should be equipped with an eyewash station and safety shower. Thoroughly clean shoes and wash contaminated clothes before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|----------------------|
| Physical state | Solid |
| Appearance: | Beige granular solid |
| Odor | None |
| pH | Not applicable. |
| Boiling point | Not applicable. |
| Flash point | None |
| Solubility in water: | not determined |
| Specific Gravity: | 2.1 |
| Weight per gallon (LB/GAL) : | 17.51 |
| Evaporation rate (n-Butyl acetate = 1): | < 1 |
| Volatile by Weight (including water and exempt | |

compounds) (%): 0%

Volatile Organic Content (VOC): 0

10. STABILITY AND REACTIVITY

Stability:

Stable under normal conditions.

Incompatibility:

Not determined.

Hazardous decomposition products:

Not determined.

11. TOXICOLOGICAL INFORMATION

Crystalline silica (quartz, cristobalite) CAS#14808-60-7, 14464-46-1, is listed by IARC and NTP as a known human carcinogen. Long-term exposure to high levels of silica dust may cause lung damage (silicosis).

12. ECOLOGICAL INFORMATION

Ecological evaluation of this material has not been performed; however do not allow the product to be released to the environment without governmental approval/permits.

13. DISPOSAL CONSIDERATIONS

Waste from this material may be a listed and/or characteristic hazardous waste. Dispose of material, contaminated absorbent, container and unused contents in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

Transportation:

This product is not regulated by the U.S. Department of Transportation (DOT), International Civil Aviation Organization (ICAO), the Canadian Transportation of Dangerous Goods (TDG) Act, or the International Maritime Organization (IMO).

By Ground:

DOT Hazard Class:

DOT Proper Shipping Name:

Not Regulated

DOT Packing Group:

DOT UN Number:

By Air:

IATA Hazard Class:

IATA Proper Shipping Name: Not Regulated

IATA Packing Group:

IATA UN Number:

By Sea:

IMDG Hazard Class:

IMDG Proper Shipping Name: Not Regulated

IMDG Packing Group:

IMDG UN Number:

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|-----------------------------------|
| 15. REGULATORY INFORMATION |
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EPA registration number: Not applicable.

Pest Registration Act number: Not applicable.

Other:

Not determined.

| Chemical Name | CAS-No. | TSCA 12B | SARA 313 | TSCA | DSL | EINECS | Prop 65 | Whmis |
|---|------------|----------|----------|------|-----|--------|---------|-------|
| Pumice/Potassium Sodium Aluminosilicate | 1332-09-8 | | | * | * | | | |
| Crystalline silica, quartz | 14808-60-7 | | * | * | * | * | * | |

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| 16. OTHER INFORMATION |
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HMIS Health: 1* HMIS Flammability: 0 HMIS Physical Hazard: 0

NFPA Health: 1 NFPA Flammability: 0 NFPA Instability/Reactivity: 0

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 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.

Key:

| | |
|-----------|---|
| ACGIH | American Conference of Governmental Industrial Hygienists |
| CAS | Chemical Abstract Service Registry Number |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act |
| CERCLA RQ | CERCLA Reportable Quantity |
| CFR | Code of Federal Regulations |
| CPR | Cardiopulmonary resuscitation |
| DSL | Domestic Substances List of Canada |
| EINECS | European Inventory of Existing Chemical Substances |
| EPCRA | Emergency Planning and Community Right-to-know Act |
| EPCRA EHS | EPCRA Extremely Hazardous Substance |
| EPCRA TPQ | EPCRA Threshold Planning Quantity |
| oF | Fahrenheit degrees |
| g/l | Grams per liter |

| | |
|-----------------------|---|
| gal | Gallons |
| Group A3 | Carcinogen Category - Confirmed Animal Carcinogen with Unknown Relevance to Humans |
| Group A4 | Carcinogen Category - Not Classifiable as a Human Carcinogen |
| HMIS | Hazardous Materials Identification System - Chemical Rating |
| IARC | International Agency for Research on Cancer |
| lbs or LBS | Pounds |
| MGM3 | Milligrams per cubic meter |
| MIR | Maximum Incremental Reactivity |
| MSDS | Material Safety Data Sheet |
| NFPA | National Fire Protection Association |
| NIOSH | National Institute for Occupational Safety and Health |
| NTP | National Toxicology Program |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| PPM | Parts per million |
| Proposition 65 | California's Safe Drinking Water and Toxic Enforcement Act |
| SARA | Superfund Amendments and Reauthorization Act |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substances Control Act |
| USEPA | United States Environmental Protection Agency |
| VOC | Volatile Organic Compound |
| VOL | Volume |
| WT | Weight |
| WHMIS | Canadian Workplace Hazardous Materials Information System |
| UN | United Nations |

ANSI KC 1.74