

MATERIAL SAFETY DATA SHEET

Safe-T-Kote Rinse Primer

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Safe-T-Kote Rinse Primer

Product Number: RP2.189, RP2.50G

Product Use: Rinseable Primer for EPDM Rubber Roofing

Manufacturer: Polycoatings International Div. Of Realsit Corporation
324 Saunders Road, Unit 7 & 8, Barrie, Ontario, Canada L4N 9Y2

Phone Number: (877) 434-1658

Emergency Phone: Canutec (613) 996-6666
Chemtrec (800) 424-9300

Date of Preparation: January 26, 2009

Section 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION!

INHALATION OF VAPOR OR MIST CAN CAUSE HEADACHE, NAUSEA AND IRRITATION OF THE NOSE, THROAT AND LUNGS. MAY CAUSE EYE/SKIN IRRITATION.

Potential Health Effects:

Likely Routes of Exposure: Skin contact, eye contact, inhalation.

Eye: Direct contact can cause slight irritation.

Skin: None expected, however, prolonged contact may cause irritation.

Ingestion: Nausea

Inhalation: Inhalation of vapor or mist can cause: irritation of nose, throat, and lungs, headache, nausea

Chronic Effects: None known.

Signs and Symptoms: Redness of the eye and skin.

Medical Conditions Aggravated By Exposure: Non known

Target Organs: Skin, eyes

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Potential Environmental Effects: None known

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS#	WT. %
Inorganic Salts	Not Hazardous	1-4
Anionic/Non-Anionic Surfactant	Not Hazardous	1-3
Water	7732-18-5	93 -98

Section 4: FIRST AID MEASURES

Eye Contact: In case of contact, hold eyelids apart and immediately flush eyes with plenty of water. Get medical attention immediately if irritation develops and persists.

Skin Contact: Wash with water and soap as a precaution. If skin irritation persists, call a physician.

Inhalation: Move to fresh air

Ingestion: Drink 1 or 2 glasses of water. Consult a physician if necessary. Never give anything by mouth to an unconscious person

General Advice:

Note to Physicians:

Section 5: FIRE FIGHTING MEASURES

Flammability: Product is not considered flammable or combustible.

Means of Extinction:

Suitable Extinguishing Media: Not applicable

Unsuitable Extinguishing Media: Not applicable

Products of Combustion: Products of combustion include compounds of carbon, hydrogen, oxygen, aluminum and zinc, including carbon monoxide.

Explosion Data: Not applicable

Sensitivity to Mechanical Impact: None

Sensitivity to Static Discharge: None

Protection of Firefighters: Material can splatter above 100C/212F. Dried product can burn.

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Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Keep people away from and upwind of spill/leak. Material can create slippery conditions.

Environmental Precautions: CAUTION: Keep spills of product as supplied out of municipal sewers and open bodies of water. Do not discharge cleaning runoffs directly to open bodies of water.

Methods for Containment: Contain spills immediately with inert materials (e.g., sand, earth). Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

Methods for Clean-Up: Contain spills immediately with inert materials (e.g., sand, earth). Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

Other Information:

Section 7: HANDLING & STORAGE

Handling: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not breathe vapors, mist or gas. Keep from freezing - product stability may be affected. STIR WELL BEFORE USE.

Storage: Keep containers tightly closed.

Storage temperature: 1 - 49 °C (34 - 120 °F)

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

Exposure limits are listed below, if they exist.

Eye protection: Safety glasses with side-shields Eye protection worn must be compatible with respiratory protection system employed.

Hand protection: The glove(s) listed below may provide protection against permeation. (Gloves of other chemically resistant materials may not provide adequate protection): Neoprene gloves

Protective measures: Facilities storing or utilizing this material should be equipped with an eyewash facility.

Engineering measures: Use local exhaust ventilation with a minimum capture velocity of 100 ft/min. (0.5 m/sec.) at the point of vapor evolution. Refer to the current edition of Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems

General Hygiene Considerations:

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Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid

Colour: Pink to purple

Odour: Mild

Odour Threshold: Not available

Physical State: Liquid

pH: 6.0 – 7.0

Viscosity: No data available

Freezing Point: 0°C (32°F)

Boiling Point: 100°C (212°F)

Flash Point: Noncombustible

Evaporation Rate: <1 water

Lower Flammability Limit: Not available

Upper Flammability Limit: Not available

Vapour Pressure: 17.0 hPa at 20 °C (68.00 °F) Water

Vapour Density: <1.0Water

Specific Gravity: 1.01

Solubility in Water: Easily soluble in water

Coefficient of Water/Oil Distribution: Not available

Auto Ignition Temperature: Not applicable

Percent Volatile, wt. %: 91 -98 water

VOC content, wt. %: 5 g/l

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Section 10: STABILITY AND REACTIVITY

Stability: Stable

Conditions of Reactivity: None

Incompatible Materials: None

Hazardous Decomposition Products: Decomposition will not occur if handled and stored properly.

Possibility of Hazardous Reactions: Will not occur.

Section 11: TOXICOLOGY INFORMATION

Acute oral toxicity	LD50 rat >2,000 mg/kg
Acute dermal toxicity	LD50 rat >2,000 mg/kg
Skin irritation	rabbit slight irritation
Eye irritation	rabbit slight irritation

Section 12: ECOLOGICAL INFORMATION

Toxicity to fish	LC50 Rainbow trout (<i>Oncorhynchus mykiss</i>) 96 h 262 mg/l
Toxicity to algae	EC50 (cell density) <i>Pseudokirchneriella subcapita</i> 96 h 50 mg/l
Toxicity to aquatic invertebrates	LC50 <i>Daphnia magna</i> 48 h 220 mg/l

Section 13: DISPOSAL CONSIDERATIONS

Environmental precautions: CAUTION: Keep spills of undiluted product out of municipal sewers and open bodies of water. Do not discharge cleaning runoffs directly to open bodies of water.

Disposal

Waste Classification: When a decision is made to discard this material as supplied, it does not meet RCRA's characteristic definition of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33. The toxicity characteristic (TC), however, has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP). For disposal, incinerate or landfill at a permitted facility in accordance with local, state, and federal regulations.

Section 14: TRANSPORTATION INFORMATION

TDG Classification: Not Restricted

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Section 15: REGULATORY INFORMATION

Workplace Classification

This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR1910.1200).

This product is not a 'controlled product' under the Canadian Workplace Hazardous Materials Information System (WHMIS).

WHMIS Classification

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Canada. Environmental Protection Act (DSL) All components of this product are in compliance with the inventory listing requirements of the New Substances Notification Regulations.

US. Toxic Substances Control Act (TSCA) All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

HMIS – Hazardous Materials Identification System

Health - 1 Flammability – 0 Reactivity - 0

NFPA – National Fire Protection Association

Health - 1 Fire - 0 Reactivity - 0

Hazard Rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

WHMIS Classifications:

WHMIS Hazard Symbols:

SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

OSHA (O) Occupational Safety and Health Administration

ACGIH (G) American Conference of Governmental Industrial Hygienists

A1 – Confirmed human carcinogen

A2 – Suspected human carcinogen

A3 – Animal Carcinogen

A4 – Not Classifiable as a human carcinogen

A5 – Not suspected as a human carcinogen

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IARC (1) International Agency for Research on Cancer
1 – The agent (mixture) is carcinogenic to humans
2A – The agent (mixture) is probably carcinogenic to humans: there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.
2B – The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in the absence of sufficient evidence of carcinogenicity in experimental animals.
3 – The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.
4 – The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

NTP (N) National Toxicology Program
1 – Known to be carcinogens.
2 – Reasonably anticipated to be carcinogens.

Section 16: OTHER INFORMATION

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POLYCOATINGS INTERNATIONAL DIVISION OF REALSIT CORPORATION

Version: 1.01