



MATERIAL SAFETY DATA SHEET

EUROTTILES PU KOTE 212

Polyurethane Fiber Reinforced Waterproof Paint

Section 1 – Product and Company Identification

MANUFACTURED BY:	Yulung Paint Manufacturing Co., Ltd.
DISTRIBUTED BY:	Eurotiles Industrial Corporation
COMPANY ADDRESS:	Unit 201 Prestige Tower, F. Ortigas Jr. Ave., Ortigas Center, Pasig City
TEL:	(632) 635-2310 to 16
FAX:	(632) 635-2317
WEBSITE:	www.eurotiles.ph
PRODUCT:	PU Kote 212

Section 2 – Composition/Information on Ingredients

Chemical Name	CAS No.
Poly (Acrylic) Emulsion/:	25133-97-5 / 9009-54-5
Polyurethane Emulsion:	
Calcium Carbonate:	471-34-1
TiO ₂ :	13463-067-7
Fiber:	65997-17-3

Section 3 – Hazards Identification

Emergency Overview: Irritant
Symbol:



Warning:		Warning
Potential Health Effects:	Eye -	May cause irritation
	Skin -	May cause irritation
	Inhalation -	Prolong odour excessive inhalation may cause respiratory tract irritation.
	Ingestion -	May be harmful if swallowed and may cause vomiting.
	Environment -	Water pollution may be harmful to aquatic life.
	Other -	--



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Section 4 – First Aid Measure

Eye contact:	Immediately flush eyes with plenty of water for 15 20 minutes. Get medical attention, if irritation or symptoms of over exposure persists.
Skin Contact:	Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
Inhalation:	If inhaled, move to an open air area. If not breathing, give artificial respiration or give oxygen by trained personnel and seek medical attention.
Ingestion:	If swallowed, DO NOT induce vomiting. Call physician or poison control centre immediately. Never give anything by mouth to an unconscious person.
Other First Aid:	Due to possible aspiration into the lungs, DO NOT induce vomiting if ingested. Provide a glass of water to dilute the material in the stomach. If vomiting occurs naturally, have the person lean forward to reduce the risk of aspiration.

Section 5 – Fire Fighting Measures

Extinguishing Media:	Use alcohol foam, carbon dioxide, dry chemical, water fog or spray in fighting fires involving this material.
Protective equipment:	As in much fire, well Self Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6 – Accidental Release Measures

Personnel Precautions:	Use proper personal protective equipment.
Environmental Precautions:	Avoid runoff into storm sewers, ditches, and waterways.
Spill Clean-up Measure:	Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section.



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Section 7 – Handling and Storage

Handling:	Use with adequate ventilation. Avoid breathing vapour and contact with eyes, skin and clothing.
Storage:	Store in a cool, dry, well-ventilated area away from sources of heat, combustible materials, and incompatible substances. Keep container tightly closed when not in use.
Hygiene Practices:	Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapour or mist.

Section 8 – Exposure Controls, Personal Protection – Exposure Guidelines

Engineering Control:	Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.
Eye/ Face Protection:	Wear appropriate protective glasses or splash goggles.
Skin Protection Description:	Chemical-resistant gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.
Respiratory Protection:	An air-purifying respirator with an organic vapour cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure level are not known, or any other circumstances where air purifying respirators may not provide adequate protection.



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Other Protective: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Section 9 – Physical and Chemical Properties

Physical State Appearance: Liquid
Flash Point: >90oC (<200oF)
Boiling Point: --
Melting Point: --
Density: --
Viscosity: #5 (20rpm) 13500~15000 cPs
pH: 8~9
Molecular Formula: Mixture
Molecular Weight: Mixture

Section 10 – Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.
Hazardous Polymerization: No reported
Conditions to Avoid: Heat, flames, incompatible materials, and freezing or temperatures below 32 deg. F.
Incompatible Materials: Oxidizing agents. Strong acids and alkalis.

Section 11 – Toxicological Information

Urgent Toxicant: In high concentrations, vapours and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea. Ingestion may cause irritation and malaise.
Partial Effect: --
Sensitization: Not a skin sensitizers.
Long-Term Toxicity: Prolonged skin contact may cause skin inflammation and redness.
Special Effect: --



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Section 12 – Ecological Information

Eco toxicity: No eco toxicity data was found for the product.
Environmental Fate: No environmental information found for this product.

Section 13 – Disposal Considerations

Waste Disposal: Consult with your local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or local guidelines.

Section 14 – Transport Information

DOT UN Number: --
DOT Hazard Class: --

Section 15 – Other Information

Reference: Council of Labor Affairs -GHS (Global Harmonized System) Database Environmental Protection Administration - Emergency Response Information Center
MSDS Creation Date: 2013/06/15
MSDS Revision Date: 2016/12/26
MSDS Revision Notes: --
MSDS Author: Yulung Paint Manufacturing Co., Ltd. – Department of Research and Development
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within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this data sheet.

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