



MATERIAL SAFETY DATA SHEET

Revised 3

Date 04/2017 replaces 04/2014

TOA GOLD EMULSION PRIMER #PW222

1. Identification of the substance or mixture and of the supplier

Product name and/or code : TOA GOLD EMULSION PRIMER #PW222

Type of Product : Premium Acrylic Primer For Exterior & Interior.

Supplier/Manufacturer : TOA PAINT (THAILAND) PUBLIC COMPANY LIMITED
31/2 Moo 3, Bangna-Trad Road , Bangsaothong,
Bangsaothong, Samutprakan 10570 ,Thailand
Tel. +66 2335 5555
Fax. +66 2312 8927

Emergency telephone number : Factory Tel. 02-335-5555 Ext. 1260

2. Hazards identification

Emergency Overview Irritant.

Applies to all Ingredients

Potential Health Effects

Eye Contact May cause irritation.

Skin Contact May cause irritation.

Inhalation Prolonged or excessive inhalation may cause respiratory tract irritation.

Ingestion May be harmful if swallowed. May cause vomiting.



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3. Composition/information on ingredients

Chemical name	CAS no.	EC Number	%	Classification
Titanium dioxide	13463-67-7	-	2	-
Magnesium Silcate	14807-96-6	-	5-6	-
Barium Sulphate	7727-43-7	-	7-9	-
Calcium Carbonate	471-34-1	-	9-11	-
Acrylic polymer	Not Hazardous	-	37-40	-
Propylene Glycol	57-55-6	-	1-2	-
Arylide Yellow	6358-31-2	-	5-7	-
Water	7732-18-5	-	30-37	-

4. First aid measures.

General	: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Eye Contact	: Immediately flush eyes with plenty of water for 15-20 minutes. Get medical attention
Skin Contact	: Wash affected area thoroughly with soap and water.
Inhalation	: If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
Ingestion	: If swallowed, do not induce vomiting. Get medical attention immediately.



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5. Fire-fighting measures

Flash Point	No Data
Extinguishing Media	Use alcohol foam, carbon dioxide, dry chemical, or water fog or spray when fighting fires involving this material.
Protective Equipment	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal Precautions	Use proper personal protective equipment as listed in section 8.
Spill Cleanup Measures	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.
Environmental Precautions	Avoid runoff into storm sewers, ditches, and waterways.

7. Handling and storage

Handling	Use with adequate ventilation. Avoid breathing vapor 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 vapor or mist.



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8. Exposure controls/personal protection

Engineering measures	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.
<u>Personal protective equipment</u>	
Skin Protection	Chemical-resistant gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.
Hand Protection	Wear appropriate protective gloves. Consult glove manufacturer's data for permeability data.
Eye/Face Protection	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.
Respiratory Protection	A NIOSH approved air-purifying respirator with an organic vapor 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
Other Protective	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.



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9. Physical and chemical properties

Physical state	: Liquid.
Colour	: Yellow
pH	: 8.5 – 10.0
Flash point	: No Data.
Density	: 1.18 – 1.28 kg/l
Vapor Density	: Greater than 1 (Air = 1)
Molecular Formula	: Mixture
Molecular Weight	: Mixture

10. Stability and reactivity

Chemical Stability	Stable under normal temperatures and pressures.
Conditions to Avoid	Heat, flames, incompatible materials, and freezing or temperatures below 0 deg. C.
Incompatibilities with Other Materials	Oxidizing agents. Strong acids and alkalis.
Hazardous Polymerization	Not reported.
Hazardous Decomposition Products	Incomplete combustion may produce carbon monoxide and other toxic gases.

11. Toxicological information

General	There is no data available on the product.
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12. Ecological information

Ecotoxicity	No data available
Environmental Fate	No data available

13. Disposal considerations

Waste Disposal	Dispose of in accordance with all applicable regulations ensuring no contamination of surrounding environment.
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14. Transport information

This substance is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road(ADR) and by Rail(RID) , of International Maritime Dangerous Goods Code(IMDG),and of the International Air Transport Association(IATA) regulations.

15. Regulatory information

<u>General Note</u>	As of the date of this MSDS, these products were not being regulated or controlled.
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16. Other information

The information in this MSDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this SDS is meant to be a part of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.