



MATERIAL SAFETY DATA SHEET

EXTRASHIELD ALKALI RESISTING PRIMER

100% Acrylic Emulsion Paint for Alkali primer

1. Identification of the substance/preparation and of the company/undertaking

Product name and/or code : Extrashield Alkali Resisting Primer
Type of Product : Acrylic Emulsion Paint for Alkali Primer
Supplier/Manufacturer : TOA PAINT (THAILAND) CO.,LTD.
31/2 Moo 3, Bangna-Trad Rd., KM.23, Bangsaothong,
Amphur Bangsaothong, Samuthprakarn, 10540 Thailand.
Tel : 0-2335-5555
Fax : 0-2312-8903

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS no.	EC Number	%	Classification
Titanium dioxide	13463-67-7	-	10-15	-
Barium Sulphate	7727-43-7	-	5-10	-
Talc	14807-96-6	-	5-10	-
Calcium Carbonate	471-34-1	-	15-20	-
Styrene Acrylic Copolymer	25085-34-1	-	20-25	-
Propylene Glycol	57-55-6	-	1-2	-
Water	7732-18-5	-	35-40	-

3. 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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4. FIRST AID MEASURES

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.

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 Controls	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
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.
Hand Protection Description	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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State/Appearance	Liquid
Color	White
pH	8.5 - 10.0
Vapor Density	Greater than 1 (Air = 1)
Density	1.36 - 1.46 kg/l.
Molecular Formula	Mixture
Molecular Weight	Mixture
Flash Point	No Data



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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

DOT UN Number	No Data
DOT Hazard Class	No Data

15. REGULATORY INFORMATION

General Note	As of the date of this MSDS, these products were not being regulated or controlled.
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16. OTHER INFORMATION

Disclaimer :

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation.