

MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION			
Product Name:	QD SHOP PRIMER		
Product Use:	Anti Corrosive Primer		
Manufacturer/Supplier:	SISSONS PAINTS (THAILAND) LTD.		
Address:	91/2 Moo 3 Suwinthawong Road, Minburi, Bangkok 10510 Tel. +66(0) 2517 1146, +66(0) 2918 6760-1, Fax. +66(0) 2517 2137		
SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS			
Chemical Characteristic :	Pigmented Epoxy resin		
Ingredients	CAS.No.	Percent	
Alkyd Resin	N/A	25-30	
Toluene	108-88-3	20-25	
Pigment		15-20	
Inert filler		15-20	
Other additives	not established	1-5	
SECTION 3 HAZARDS IDENTIFICATION			
Eye:	May cause slight temporary eye irritation. Corneal injury is unlikely.		
Skin:	Prolonged exposure not likely to cause significant skin irritation. Repeated exposure may cause skin irritation. May caused allergic skin reaction in humans. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.		
Ingestion:	Single dose oral toxicity is considered to be extremely low. No hazards anticipated from swallowing small amount incidental to normal handling operations.		
Inhalation:	Vapors are unlikely due to physical properties.		
SECTION 4 FIRST AID MEASURES			
Eye:	Flush eyes with plenty of water. Consult a physician.		
Skin:	Wash off in flowing water or shower.		
Ingestion:	No adverse effects anticipated by this route of exposure incidental to proper industrial handling.		
Inhalation:	No adverse effects anticipated by this route of exposure.		
Note to Physician:	No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.		
SECTION 5 FIRE FIGHTING MEASURES			
Flash point :	25°C		
Upper flammable limit:	7		
Lower flammable limit:	1.27		
Auto-ignition temperature:	>450 °C		
Hazardous combustion products:	Thermal decomposition products can include, but are not limited to Hydrogen Chloride, Oxides of Nitrogen and Carbon Monoxide.		
Extinguishing media:	Use dry chemical, foam, or CO2 extinguishing media. Wear full protective clothing and self-contained breathing apparatus.		
Sensitivity to impact:	Not applicable		
Sensitivity to static discharge:	Not applicable		

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SECTION 6 ACCIDENTAL RELEASE MEASURES

Procedures for dealing with release or spill:

Control spill at its source. Contain spill to prevent from spreading or from entering sewage or drainage of systems or any body of water. Small spills, cover with an absorbent material such as pet litter. Sweep up, and place in an approved chemical container. Wash the spill area with water containing a strong detergent, absorb with pet litter or other absorbent material, sweep up and place in a chemical container. Seal the container and handle in an approved manner. Flush the area with water to remove any residue. Do not allow wash water to contaminate water supplies.

SECTION 7 HANDLING AND STORAGE

Handling : Do not eat, drink, use tobacco or apply cosmetics in areas where there is a potential for exposure to the material. Always wash thoroughly after handling.

Storage : Store the product above freezing temperatures under warm storage condition. Store the material in a well-ventilated, secure area out of the reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area.

SECTION 8 EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering controls: Ensure all work areas are well ventilated. Provide eye-wash and washing facilities in work areas.

Personal protective equipment for each exposure route:

Eye Contact: To avoid eye contact, wear chemical goggles or a full-face shield.

Skin Contact: To avoid skin contact, wear rubber gloves, rubber boots, long-sleeved shirt, long pants and a head covering.

Inhalation: Respiratory protection not normally required. Normal use conditions or for clean up of spilled material in an open or well ventilated area.

Ingestion: Do not eat, drink, use tobacco or apply cosmetics in areas where there is a potential for exposure to the material. Always wash thoroughly after handling.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black liquid

Odor: Solvent

Boiling Point: >130 °C

Vapor Pressure: Xylene 1.0 KPa at. 20°C

Vapor Density: Not applicable

Solubility in Water: None

Specific Gravity: Approx. 1.2

SECTION 10 STABILITY AND REACTIVITY

Chemical stability: Stable under normal use and conditions

Conditions to avoid: Excess heating over long periods of time degrades the resin.

Incompatibility with other materials: Acids, bases, amines and oxidizing agents.

Hazardous decomposition products: Can decompose at high temperatures forming toxic gases.

Hazardous polymerization: Will not occur

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SECTION 11 TOXICOLOGICAL INFORMATION

Acute Oral Toxicity: > 4,300 mg/kg (LD50/Rat)
Acute Dermal Toxicity: >1,700 mg/kg (LD50/Rat)

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity: Base upon data for a similar substance or estimated data. Expected to be toxic to aquatic organism

SECTION 13 DISPOSAL CONSIDERATIONS

Waste disposal information: Do not dump into any sewers, on the ground, or into any body of water. All disposal methods must be in compliance with all applicable federal, state/provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

SECTION 14 TRANSPORT INFORMATION

Shipping Name : Resin solution
UN Number : 1866
UN class : 3
UN Packing Group : III

SECTION 15 REGULATORY INFORMATION

European labeling in accordance with EC Directives

Hazard Classification : Flammable (F) , Harmful (Xn), Dangerous For the environment (N).
/ Symbol

Risk Phrases : R 10 Flammable
: R 51/53 Toxic to aquatic organisms , may cause long-term adverse effects in the aquatic environment.

: R65 Harmful : may cause lung damage if swallowed
: R66 Repeated exposure may cause skin dryness or cracking
: R67 Vapours may cause drowsiness and dizziness.

Safety Phrases : S23 Do not breathe gas/fumes/vapour/spray

: S24 Avoid contact white skin.

: S61 Avoid release to the environment. Refer to special Instructions/safety data sheets.

: S62 If swallowed , do not induce vomiting : seek medical advice immediately and and show this container of label.

SECTION 16 OTHER INFORMATION

The information and recommendations contained herein are based on information believed to be correct. However, no guarantee or warranty of any kind, expressed or implied is made with respect to the information provided herein.