

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION			
Product name	NEPTUNE HAMMERTONE FINISH		
Chemical description	Styrene		
Supplier	PT. ATLANTIC OCEAN PAINT Jalan Kepatihan Industri No.6, Desa Kepatihan, Kec. Menganti, Guntung, Kepatihan, Gresik, Kabupaten Gresik, Jawa Timur 61174		
Emergency	Telp. 031 - 51203009 ( hunting ) 031-99008814		
2. HAZARD IDENTIFICATION		CAS NO	Percent by Weight
Resin	Styrene		
Solvents	Naptha Petroleum	64742 - 49 - 0	5 - 10%
	Xylene	1330 - 20 - 7	90%
Others	Other ingredients not considered hazardous 10		100%
3. PHYSICAL AND CHEMICAL CHARACTERISTICS			
Appearance	Iridescent liquid of any colour with typical chemical odour		
Specific gravity	0.92 - 0.95		
Boiling point/range (°C)	Range approx 55 - 140°C		
Vapour pressure	Approx 3 kPa		
Flash point (°C)	< 4		
Flammability limits ( % )	LEL 1.0 UEL 7.5		
Solubility in water	Negligible		
4. HEALTH HAZARD INFORMATION			
ACUTE:			
Swallowed	May cause irritation to mouth, throat and digestive tract. May cause nausea and vomiting. Large dose may cause unconsciousness.		
Eye	Irritant		
Skin	Irritant. Avoid prolonged or repeated contact as may cause dermatitis		

Inhaled	<ul style="list-style-type: none"> <li>- Vapour is irritant to mucous membranes and respiratory tract.</li> <li>- Vapors can affect the central nervous system and result in headaches and dizziness.</li> <li>- High concentrations of vapors, if exposure is prolonged, may cause unconsciousness.</li> <li>- Aspiration of liquid into the lungs can cause serious (even fatal such as Pneumonitis).</li> </ul>
<b>FIRST AID:</b>	
Swallowed	If poisoning occurs, contact a doctor or poisons information centre. If swallowed, do not induce vomiting and give a glass of water.
Eye	Irrigate with copious quantities of water. Seek medical attention immediately.
Skin	If skin contact occurs, remove and launder contaminated clothing.
Inhalation	Move to fresh air. Keep warm and at rest. Seek medical attention. Remove from contaminated area. Apply artificial respiration if not breathing.
Advice to doctor	Because of risk respiration, gastric lavage should only be undertaken after endotracheal intubation.
<b>5. PRECAUTIONS FOR USE</b>	
Exposure limits	Not established for product constituents TWA 8 hour, five - day week Toluene : 377 mg / m <sup>3</sup> , 100ppm / Naptha ( petroleum ) not established Xylene : 350 mg / m <sup>3</sup> , 80ppm
Engineering controls	<ul style="list-style-type: none"> <li>- Avoid breathing vapour and use in a well - ventilated area.</li> <li>- Ensure ventilation is adequate to maintain air concentrations below exposure limit</li> </ul>
Personal protection	Avoid eye and skin contact . Wear chemical goggles and chemical resistant gloves. Wear protective clothing as necessary to avoid skin contact. Avoid prolonged or repeated skin contact, wash thoroughly after handling.
Flammability	This material contains flammable solvents and must be kept away from all sources of ignition (open flames, sparks, pilot lights, furnaces spark producing switches etc.)
Application	Do not spray apply in areas of poor ventilation without use of adequate respirator. Comply with local regulations applicable to spray painting

## 6. SAFE HANDLING INFORMATION

Storage & transport	Store in a cool and well - ventilated area away from all sources of heat and ignition. Store only in original containers and ensure that all containers are correctly sealed. Store and transport in accordance with state and territory regulations for class 3 dangerous goods SHIPPING NAME - PAINT UN 1263 GPII
Spills & disposal	Remove all sources of ignition and ventilate area. Absorb with inert material such as vermiculite or sand and plate in a closed container. Dispose of in closed metal container in accordance with applicable regulations.
Fire / explosion hazard	Flammable liquid. Vapour and air mixtures may ignite explosively combustion products include oxides of carbon, smoke. Use foam, carbon dioxide or dry chemical fire extinguishers.

## 7. OTHER INFORMATION

Toxicology	Xylene : LD50 oral, rat - 4300 mg / kg Toluene : LD 50 oral , rat - 636 mg / kg Naphtha ( petroleum ) - no available data
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