

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION				
Product name	NEPTUNE VERNIS ACRYLIC			
Chemical description	Acrylic			
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. HAZARDOUS INGREDIENTS / IDENTITY INFORMATION (Other limits)				
Hazardous components (Specific Chemical Identity)	OSHA PEL	ACGIH TLV	Recommended (CAS No)	% (Optional)
Styrene-Acrylic Copolymer	N / Av	N / Av	Not diclose	45.0%
Toluene	N / Av	100 ppm	108-88.3	38.5%
n-Butanol	N / Av	50 ppm	71-36.3	16.5%
3. PHYSICAL AND CHEMICAL CHARACTERISTICS				
Physical state	Clear and Black			
% Solids	Approx 45			
Boiling point	Unknown			
Vapor pressure (mm Hg)	Unknown			
Vapor density (Air = 1)	Heavier than air			
Solubility in water	Insoluble			
Specific Gravity	0.89			
Melting point	N / Av			
Evaporation rate (Butyl acetate = 1)	More than 1			
Appearance and odor	Clear, solvent odor			
4. FIRE AND EXPLOSION HAZARD DATA				
Flash point (method used)	10°C			
Flammable limits	1.4 – 11.2 Vol % (N-Butanol) LEL			
Extinguishing media	Powder, foam, CO <sub>2</sub> , gas extinguisher.			
Special fire fighting procedures	Wear self - contained breathing apparatus, water may be unstable except as a cooling medium.			
Unusual fire and explosion hazards	Keep away from heat, sparks and open flames			

5. REACTIVITY DATA	
Stability	Stable (warm storage, ignition sources)
Incompatibility (materials to avoid)	Avoid strong, oxidizing agents
Hazardous decomposition or by products	Resin solids contain only carbon, hydrogen, and oxygen atoms. Thermal and oxidative decomposition produces. Smoke, fumes, and other expected by products.
Hazardous polymerization	Will not occur
6. HEALTH HAZARD DATA	
Health Hazards (Acute and Chronic)	
Acute	Headache, dizziness, nausea, eye irritation
Chronic	Loss of appetite, nose bleeds
Signs and Symptoms of Exposure	
Vapors	Irritating to eyes, nose, and throat, excess exposure may result in headache. Dizziness, and nausea, deflating to skin.
Emergency and First Aid Procedure	
Eyes	Flush with running water for 15 minutes
Inhalation	Provide fresh air and rest
Skin contact	Wash affected area with soap and water
Ingestion	Do not induce vomit. Drink one or two glasses of water to dilute. See a physician.
7. PRECAUTIONS FOR SAFE HANDLING AND USE	
Steps to Be taken in case material is released or spilled	Ventilate areas. Remove all sources of ignition. Spread absorbent material and place in a closed container. Wear protective equipment during clean up.
Waste disposal method	Incinerate in an approved incinerator or dispose of in a chemical dump in accordance with local, state and federal regulations.
Precautions to be taken in Handling and Storing	Avoid prolonged or repeated inhalation of heated vapors or spray mist. Keep away from heat.
Other Precautions	Avoid prolonged or repeated skin contact

8. CONTROL MEASURES	
Respiratory protection ventilation	1. Local Exhaust - to maintain vapor concentration below TLV 2. Mechanical (General) - Handle with ventilation
Protective gloves	Chemical resistant plastic or rubber
Eye protection	Chemical goggles
Other protection clothing or equipment	Eye wash fountain. Safety shower work/hygienic practices.
9. OTHER INFORMATION	
No other information available. This Information only concerns the above mentioned product and need not be valid if used with other products or process. The information is to our best knowledge correct and complete and it is given in good faith but without warranty. It reminds the users own responsibility to make sure that the information is correct and complete for his special use of the product.	

**PT. Atlantic Ocean Paint**  
031-51203009 / 031- 99008814  
info@atlanticoceanpaint.com  
www.atlanticoceanpaint.com  
 atlanticoceanpaint

