

## **MATERIAL SAFETY DATA SHEET**

Product: OceanMaster Clipper Plus Gloss Varnish

### **MANUFACTURE IDENTIFICATION**

MANUFACTURE 'S NAME : Oceanic Link Pte Ltd  
ADDRESS : 196 Pandan Loop #01-17 Pantech Industrial Complex  
Singapore 128 384  
INFORMATION PHONE : 6777 6001  
DATE PREPARED : 15 November 2004  
REV NO : 00

### **HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**

<u>Hazardous components</u>	<u>CAS NO.</u>	<u>% by weight</u>
1-Methoxy-2-propyl acetate	000108-65-6	1 – 2.5%
2-Butanone oxime	000096-29-7	<1%
Lead Compounds (as Pb)	007439-92-1	<1%
White Spirits	064742-82-1	25 - 50%

Non hazardous ingredients to a total of 100%

### **PHYSICAL AND CHEMICAL PROPERTIES**

Physical State	:	Liquid
Color	:	Colored
Specific gravity	:	0.88815
Viscosity @ 25°C	:	85 KU
Solvent Weight%	:	41.43
Vapor Density	:	Heavier than air
Solubility in water	:	Immiscible
Lower Explosive Limited%	:	.8
Flash point	:	35°C
Ignition temperature	:	230 °C
R.A.Q. to ventilate to 10% of the LEL (M3/I)	:	73.18
Odor	:	Smell of Solvent

### **FIRE & EXPLOSION HAZARD DATA**

#### **EXTINGUISHING MEDIA:**

CO2, Alcohol resistant foam, dry powder; in cases of larger fires, water spray should be used.

#### **FIRE AND EXPLOSION HAZARDS:**

Flashback along vapor trail may occur. This material may be ignited by heat, sparks, flame or static electricity. Close containers may explode when exposed to extreme heat.

#### **FIRE FIGHTING PROCEDURES:**

The use of a self contained breathing apparatus is recommended for fire fighters. Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes.

### **REACTIVITY DATA**

Hazardous decomposition products: No hazardous decomposition products when stored and handled correctly.

Hazardous reactions: Exothermic reaction with amines and alcohols; reacts slowly with water forming CO<sub>2</sub>, in closed containers risk of bursting owing to increase of pressure.

### **TRANSPORT INFORMATION**

UN No: 1866, UN Class: 3  
Packing: Group 3  
Shipping Name: Resin Solution

### **HEALTH HAZARD DATA**

#### **INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Inhalation of excessive concentrations of vapors or mists may cause headache, dizziness and drowsiness.

**FIRST AID:** Remove to fresh air. Restore breathing. Treat symptomatically. Consult a physician.  
Give nothing by mouth.

#### **SKIN CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

May cause irritation. Prolonged or repeated contact may cause sensitization.

**FIRST AID:** Remove contaminated clothing. Wash affected thoroughly with soap and water. Consult a physician if irritation persists.

#### **EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

This product is a severe eye irritant. Direct contact with the liquid or exposure to its vapors or mists may cause burning, tearing, redness and swelling.

**FIRST AID:** Flush immediately with large amounts of water for at least 15 minutes. Take to physician for medical treatment.

#### **INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

May cause nausea, headaches and dizziness. May cause droplets to enter the lung with the risk of getting pneumonia.

**FIRST AID:** Do not induce vomiting. Consult physician or poison control center immediately. Treat symptomatically.

### **SPILL OR LEAK PROCEDURES**

#### **IN CASE OF SPILL OR LEAK:**

Remove all sources of ignition (flames, hot surfaces and electrical static or frictional sparks). Avoid breathing vapours, ventilate area. Remove with inert absorbent and non-sparking tools.

#### **DISPOSAL METHOD:**

Empty containers may be disposed of after neutralizing any product remaining on the walls of the container With a mixture of isopropanol, ammonia and water. Afterwards, remove warning labels.

### **SAFE HANDLING AND USE INFORMATION**

Wear suitable protective clothing, protective gloves (made of PVC or rubber) and protective goggles/mask. Respiratory protection required in insufficiently ventilated working areas and during spraying. An air-fed mask, or for short periods of work, a combination of charcoal filter and particulate filter is recommended.

In case of hypersensitivity of the respiratory tract (e.g. asthmatics and those who suffer from chronic bronchitis) it is inadvisable to work with the product.

Keep away from foodstuffs, drinks and tobacco. Wash hands before breaks and at end of work. Keep working clothes separate. Take off immediately all contaminated clothing.

### **SPECIAL PRECAUTIONS**

#### **HANDLING AND STORAGE**

Keep container dry and tightly closed in a cool and well ventilated place. Avoid exposure to temperature above 50°C. Ensure adequate ventilation or exhaust ventilation in the working area. Exhaust ventilation necessary if product is sprayed.

Avoid contact with skin and eyes.

Provide adequate ventilation and if necessary, air extraction in working areas. Explosion protection required.

*The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.*