

**SAFETY DATA SHEET (US)****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

<u>1.1 Product identifier</u>	EST SO PROCESS WL-DI CYAN
<u>1.2 Relevant identified uses of the substance or mixture and uses advised against</u>	Printing Ink
<u>1.3 Details of the supplier of the safety data sheet</u>	
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QC.DEPT.	MEGAMI INK MFG.CO.,LTD TOKYO OFFICE TECHNICALCENTER QUALITY ASSURANCE DEPT. 【TEL】+81-48-994-4775 【FAX】+81-48-994-4785 E-Mail hinsho@megamiink.com
<u>1.4Emergency telephone number</u>	【TEL】+81-48-994-4770

**2. HAZARDS IDENTIFICATION**

<u>2.1 Classification of the substance or mixture</u>	Mixture GHS classification in according with 29 CFR 1910 (OSHA HCS)
<u>2.2 Label elements</u>	Data corresponding to the GHS classification has not been obtained.
SYMBOL	Non
SIGNAL WORD	Non
HAZARD STATEMENTS	No information on the product.
PRECAUTIONARY STATEMENTS	No information on the product.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>3.1 Substance</u>	Not applicable
<u>3.2 Mixture</u>	This product is a mixture.

Ingredients	Contain %	Cas Number	Hazardous Information
Pigments			
Pigment Blue 15:3	15-20	147-14-8	N/A
Resin			
Rosin-modified phenolic resin	10-20	Registered	N/A
Vegetable oil			
Tung oil	20-30	8001-20-5	N/A
Soybean oil		8001-22-7	N/A
Mineral oil			
Petroleum hydrocarbon	15-25	64742-46-7	N/A
Additive			
Mixture	5>	Registered	N/A

**4. FIRST AID MEASURES**4.1 Description of first aid measures

EYE	If this product comes in contact with the eye wash out immediately with fresh running water. If pain persists or recurs seek medical attention.
SKIN	If skin contact occurs flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.

**4. FIRST AID MEASURES**

INHALED	If fumes or combustion products are inhaled remove from contaminated area. Lay patient down. Keep warm and rested. Transport to hospital, or doctor.
SWALLOWED	If swallowed do not induce vomiting. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

**5. FIRE FIGHTING MEASURES**

<u>5.1 Extinguishing media</u>	Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.
<u>5.2 Special hazards arising from the substance or mixture</u>	Hazardous combustion products.
<u>5.3 Advice for firefighters</u>	Required the use of respiratory protective equipment.

**6. ACCIDENTAL RELEASE MEASURES**

<u>6.1 Personal precautions, protective equipment and emergency procedures</u>	Wear protective clothing as described.
<u>6.2 Environmental precautions</u>	In the case of contamination of rivers, lakes or drains notify relevant authorities in accordance with local regulations.
<u>6.3 Methods and material for containment and cleaning up</u>	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate, Clean-up personnel should use respiratory and/or liquid contact protection. Inform Authorities if large amounts are involved.
<u>6.4 Reference to other sections</u>	For waste disposal, see section 13.

**7. HANDLING AND STORAGE**

<u>7.1 Precautions for safe handling</u>	Avoid breathing vapors and contact with skin and eyes. Avoid reaction with oxidizing agents. Avoid sources of heat. Wear personal protective equipment when handling. Wash hands with soap and water after handling.
<u>7.2 Conditions for safe storage, including any incompatibilities</u>	Store in a cool place lower than 25°C. Avoid Sun light.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<u>8.1 Control parameters</u>	Petroleum hydrocarbon (Oil mist) ACGIH 2010 (TWA) 5 mg/m <sup>3</sup>
<u>8.2 Exposure controls</u>	Individual protection measures, such as personal protective equipment.
Respiratory protection	Respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.
Hand protection	Chemical resistant gloves made of Butyl rubber or Polyethylene-polyvinyl alcohol laminated rubber.
Eye/ face protection	Safety Glasses with side shields, goggles, or face shield.
Skin and body protection	Suitable safety clothes, aprons, shoes and protective boots.

**9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties

APPEARANCE	Paste
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ODOR	Slight odor
MELTING POINT	No information on the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

FLASH POINT	140°C
VAPOR PRESSURE	No information on the product.
SOLUBILITY	Insoluble in water
SPECIFIC GRAVITY	1.10-1.20 (25°C)
N-OCTANOL/WATER IGNITION TEMPERATURE	No information on the product.
PECOMPOSITION TEMPERATURE	No information on the product.
VOC PERCENT RANGE	15-25%

9.2 Other information Not determined

## 10. CHEMICAL STABILITY AND REACTIVITY INFORMATION

<u>10.1 Reactivity</u>	There are no known reactivity hazards associated with this product.
<u>10.2 Chemical stability</u>	Stable under normal temperature conditions.
<u>10.3 Possibility of hazardous reaction</u>	No information on the product.
<u>10.4 Conditions to avoid</u>	No information on the product.
<u>10.5 Incompatible materials</u>	No information on the product.
<u>10.6 Hazardous decomposition produ</u>	No information on the product.

## 11. TOXICITY INFORMATION

### 11.1. Information on toxicological effects

Acute toxicity (Oral)	No information on the product.
Skin corrosion/irritation	No information on the product.
Serious eye damage/eye irritation	No information on the product.
Skin Sensitizers	No information on the product.
Gem cell mutagenicity	No information on the product.
Carcinogenicity	No information on the product.
Reproductive toxicity	No information on the product.
Specific target organ toxicity exposure	No information on the product.
Specific target organ toxicity Repeated exposure	No information on the product.

## 12. ECOLOGICAL INFORMATION

### 12.1Toxicity

Hazardous to the aquatic environment, Acute hazard	No information on the product.
Hazardous to the aquatic environment, Chronic hazard	No information on the product.

12.2 Persistence and degradability There are no data on the degradability of this product.

12.3 Bioaccumulative potential No data available on bioaccumulation.

12.4 Mobility in soil No data available.

12.5 Results of PBT and vPvB assessment  
Not Classified as PBT/vPvB by current EU criteria.

## 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods Consult manufacturer for recycling options and recycle where possible  
consult waste management authority for disposal.  
Incinerate residue at an approved site.  
Recycle containers where possible or dispose of in an authorized landfill.

## 14. TRANSPORTATION INFORMATION

<u>14.1 UN number</u>	Not applicable
<u>14.2 UN proper shipping name</u>	Not applicable
<u>14.3 Transport hazard class</u>	Not applicable

#### 14. TRANSPORTATION INFORMATION

<u>14.4 Packing group</u>	Not applicable
<u>14.5 Environmental hazards</u>	Not applicable
<u>14.6 Special precautions for user</u>	Not applicable
<u>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</u>	Not applicable

#### 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations legislation specific for the substance or mixture

SARA SECTIONS 313                      This Product does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

EPA TOXIC SUBSTANCES CONTROL ACT (TSCA)

All components of these products are included on the 8(b) TSCA inventory list.

California Prop.65

This Product does not contain any chemicals known to State of California to cause cancer, birth defects or any other reproductive harm.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out for this mixture by the supplier.

#### 16. OTHER INFORMATION

Safety Data Sheet (SDS) is intended to provide for general industrial use as reference information in order to ensure the proper handling. It was created on the basis of reliable information but it is not a guarantee of the manufacturer. Please take your appropriate measures of handling, etc. in their own responsibility.

