


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

<u>1.1 Product identifier</u>	EG P-Mixing Black ND/NW
<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>1.4 Emergency 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 KOSHA (KOREA OCCUPATIONL SAFETY & HEALTH AGENCY)
<u>2.2 Label elements</u>	
SYMBOL	
SIGNAL WORD	Warning
HAZARD STATEMENTS	H332 Harmful if inhaled H317 May cause an allergic reaction H320 Cause eye irritation H335 May cause respiratory irritation
PRECAUTIONARY STATEMENTS	
PREVENTION	P261 Avoid breathing dust/fumes/gas/mist/vapours/spray. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective glove protective clothing eye, face protection.
RESPONSE	P314 Get medical advice/attention if you feel unwell. P302/352 If on Skin: Wash with soap and water. P304/340 If Inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305/351/338 If in eyes, rinse cautiously with water for several minutes, remove contact lenses, if present and easy to do. P333/313 If skin irritation or rash occurs, Get medical advice.
STORAGE	P405 Store locked up.
DISPOSAL	P501 Dispose of contents, container in accordance with applicable Laws and Regulation.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>3.1 Substance</u>	It is not a substance.
<u>3.2 Mixture</u>	Mixture

Ingredients	Contain %	Cas Number	Hazardous Information
Colorants			
Pigment Black 7	25-30	1333-86-4	N/A
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**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Resin			
Rosin modified phenolic resin	25-35	Registered	N/A
Vegetable oil			
Tung oil	15-25	8001-20-5	N/A
Soybean oil		8001-22-7	N/A
Solvent			
Petroleum Hydrocarbon	15-25	64742-46-7	H332/H320/H335/H304
Additive			
Additive	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.
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.
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#### 7. HANDLING AND STORAGE

Wear personal protective equipment when handling.  
Wash hands with soap and water after handling.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool place lower than 25°C. Avoid Sun light.

**8. EXPOSURE CONTROLS /PERSONAL PROTECTION**8.1 Control parametersPetroleum hydrocarbon (Oil mist) ACGIH 2010 (TWA) 5 mg/m<sup>3</sup>8.2 Exposure controls

## Respiratory protection

Individual protection measures, such as personal protective equipment.

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

## ODOR

Slight odor

## MELTING POINT

No information on the product.

## FLASH POINT

132°C

## VAPOR PRESSURE

No information on the product.

## SOLUBILITY

Insoluble in water

## SPECIFIC GRAVITY

1.10-1.20 (25°C)

## N-OCTANOL/WATER IGNITION TEMPRATURE

No information on the product.

## PECOMPOSITION TEMPURATURE

No information on the product.

## VOC PERCENT RANGE

15-25%

9.2 Other information

Not determined

**10. CHEMICAL STABILITY AND REACTIVITY INFORMATION**10.1 Reactivity

There are no known reactivity hazards associated with this product.

10.2 Chemical stability

Stable under normal temperature conditions.

10.3 Possibility of hazardous reactions

No information on the product.

10.4 Conditions to avoid

No information on the product.

10.5 Incompatible materials

No information on the product.

10.6 Hazardous decomposition products

No information on the product.

**11. TOXICITY INFORMATION**11.1. Information on toxicological effects

## Acute toxicity (Inhalation)

Category 4

H322 as concentration of Petroleum Hydrocarbon  $\geq 10\%$ 

## Skin corrosion/irritation

No information on the product.

## Serious eye damage/eye irritation

Category 2B

H320 as concentration of Petroleum Hydrocarbon  $\geq 10\%$ 

## Skin Sensitizers

Category 1

H317 as concentration of Additive  $\geq 1\%$ 

## 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 Category 3

H335 as concentration of Petroleum Hydrocarbon  $\geq 10\%$ 

## Specific target organ toxicity Repeated exposure

## Aspiratiion hazard

Category 1

H304 as concentration of Petroleum Hydrocarbon  $\geq 10\%$ **12. ECOLOGICAL INFORMATION**12.1 Toxicity

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.

<a href="#">12.3 Bioaccumulative potential</a>	No data available on bioaccumulation.
<a href="#">12.4 Mobility in soil</a>	No data available.
<a href="#">12.5 Results of PBT and vPvB assessment</a>	Not Classified as PBT/vPvB by current EU criteria.

### 13. DISPOSAL CONSIDERATIONS

<a href="#">13.1 Waste treatment methods</a>	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.
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### 14. TRANSPORTATION INFORMATION

<a href="#">14.1 UN number</a>	Not applicable
<a href="#">14.2 UN proper shipping name</a>	
<a href="#">14.3 Transport hazard class</a>	Not applicable
<a href="#">14.4 Packing group</a>	Not applicable
<a href="#">14.5 Environmental hazards</a>	Not applicable
<a href="#">14.6 Special precautions for user</a>	Not applicable
<a href="#">14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</a>	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 contains a chemical known to the State of California to cause cancer. Carbon black CAS 1333-86-4 Contain 25-30% In the IARC classification, Carbon Black to group-2B (Possibly carcinogenic to humans.) but the Printing Ink is group-C (Not classifiable as to its carcinogenicity to humans.).
<a href="#">15.2 Chemical safety assessment</a>	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.