

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: PHOTO EMULSION

Previous Issue: October 6, 2010 **Date Prepared:** October 6, 2010

1. IDENTIFICATION OF PRODUCT AND COMPANY

Product Name: **PHOTO EMULSION**

Company: **Zhejiang Yineng Screen Chemical Industries Co., Ltd**

Phone: 86-575-84126276 Fax: 86-575-84122820

Recommended use: Manufacture of stencils for screen printing

2. HAZARD IDENTIFICATION OF THE PREPARATION

HAZARDOUS INGREDIENTS	% RANGE	CAS #
POLYVINYL ACETATE	35-50%	9003-20-7
DEIONIZED WATER	10-15%	7732-18-5
POLYVINYL ALCOHOL	35-50%	9002-89-5

This preparation is not classified as hazardous according to 29CFR 1910-1200.

Appearance / Odor: viscous liquid / little odor

Potential Health Effects: See Section 11 for more information

Potential Health Effects Eyes: This product may be irritating to the eyes.

Potential Health Effects: Skin: Repeated exposure may irritation to skin

Potential Health Effects: Ingestion

Ingestion of this product may be irritating to the digestive system.

Potential Health Effects: Inhalation: No known effect

Target Organs: not known

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Potential Environmental Effects: See Section 12 for more information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of the below mentioned materials

Hazardous components:

EINECS-No	Name	Hazard	%content
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CAS-No.	R-phrases
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n.a

Additional information: For full text of risk phrases see Section 16.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: viscous liquid

Color: blue

Odor: odorless

Flash point: n.a

Ignition temperature: n.a

Density: ~1.01 g/cm³

Viscosity: unkown

Explosion limits: n.a

Boiling point: ~212°F (100° C)

Vapour density: >1 (air=1)

Vapour pressure: 23hPa@25° C

Freezing point: not known

pH: 5.65

Coefficient of water/ oil distribution: soluble in water

Volatile Organic Compounds: less than 0.01%

10. STABILITY AND REACTIVITY

Stable under recommended storage and handling conditions (see Section 7).

Store as a non-hazardous liquid

INCOMPATIBILITY: Strong oxidizers

11. TOXICOLOGICAL INFORMATION

Effects of acute exposure:

General information:

Effects of acute exposure:

Repeated or prolonged contact causes local irritation of skin and mucous membranes, particularly the eyes.

Irritancy of product- NO

Skin sensitization- none reported

Respiratory sensitization- none known

Carcinogenicity- no

IARC- no

ACGIH - no

Reproductive toxicity - none known

Teratogenicity - none known

Embryotoxicity - none known

Mutagenicity - none known

Name of synergistic products/effects- none known

12. ECOLOGICAL INFORMATION

Do not empty large quantities into drains or release into open water.

Do not store at public waste disposal sites. This material is considered to be biodegradable.

13. WASTE DISPOSAL INFORMATION

Dispose of as a non-hazardous aqueous waste

Empty container: scrap recycling or re-conditioning

Soiled container: (treatment like product itself)

14. TRANSPORT INFORMATION

ADR/RID/DOT: Class: Not regulated

UN: n.a

Packaging group: n.a

IMDG: Class: not regulated

EMS: n.a

UN: n.a

Marine pollutant: No

Packaging group: n.a

15. REGULATORY INFORMATION

Global Inventories (components):

TSCA: United States - included

DSL: Canada - included

ENCS: Japan - included

EINECS: Europe - included

Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of information required by the CPR, and it is not classified as a hazardous material.

Labeling n.a

R-phrases: n.a

S-phrases: n.a

Special labeling: n.a

National Regulation for Germany: Water pollution class: 1

16. OTHER INFORMATION

HMIS: Health 1, Flammability 0, Reactivity 0
Text of risk phrases mentioned in Section2: n.a

For further information please refer to our technical information sheet. Data in this MSDS correspond with our current level of knowledge, but do not represent any assurance of product properties. The user personally is responsible for compliance with all legal requirements.

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