

Material Safety Data Sheet
(According to ANSI Z400.1-2004)

Product: 21377
Date: 4/5/2001

KIWCOL POLY-PLUS HWR
Revision date: 3/31/2010

1. IDENTIFICATION OF PRODUCT AND COMPANY

Product Code: 21377
Product Name: **KIWOCOL POLY-PLUS HWR**
Company: KIWO, Inc.
1929 Marvin Circle
Seabrook, TX 77586
Phone: 281-474-9777
Fax: 281-474-7325

Emergency Contact: 1-800-255-3924 (Chemtel)

MSDS prepared by: Fred Widman

Recommended use: Manufacture of screens for screenprinting stencils

2. HAZARDS IDENTIFICATION OF THE PREPARATION

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

EMERGENCY OVERVIEW

Appearance / Odor: viscous blue liquid / typical

Potential Health Effects: See Section 11 for more information

Likely routes of exposure: Eye and skin contact and ingestion.

Eye: May cause eye irritation

Skin: Prolonged contact may result in skin irritation

Ingestion: Not likely to be toxic but may cause stomach irritation.

Medical Conditions Aggravated By Exposure: May cause more significant skin irritation in people with pre-existing skin conditions.

Xi	Irritant
N	Dangerous for the environment
36/37/38	Irritating to eyes, respiratory system and skin
51/53	Harmful to aquatic system, may cause long-term adverse effects in the aquatic environment

Target Organs: None known

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

Potential Environment Effects: See Section 12 for more information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of the below mentioned materials and non-hazardous substances

Hazardous components:

EINECS-No	Name	Hazard	%content
CAS-No.	R-phrases		
Not available	Acrylate mixture		
Polymer	36/37/38-51/53	Xi, N	10-30%

Additional information: none known

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Flash point: n.a.
Ignition temperature: n.a.
Density: 1.06 g/cm³
Boiling Point: ~212°F (~100°C)
Viscosity: 10000 mpas⁻¹
pH: unknown
VOC Content: <0.1%

10. STABILITY AND REACTIVITY

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

Incompatible material: Alkalis and strong oxidizing material

Hazardous decomposition products: Various oxides of carbon

Possible hazardous reaction: Not likely to occur

11. TOXICOLOGICAL INFORMATION

COMPONENT	CAS#	LD ₅₀	LC ₅₀
Mixed Acrylates	Not available	>5,000 mg/kg, oral rat	Not established

Effects of acute exposure – None known
Effects of chronic exposure – None known
Eye contact - may cause local irritation.
Irritancy of product – mild
Respiratory sensitization – None known
Skin sensitization – Excessive skin contact may cause sensitization
Carcinogenicity – Not known to be carcinogenic
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

In case of conduction into adapted biological purification plants no disturbances need to be expected. Do not allow large quantities of product to enter waste stream.

13. WASTE DISPOSAL INFORMATION

Dispose in accordance with federal, state and local regulations.
Empty container: scrap metal recycling or re-conditioning
Soiled container: (treatment like product itself)

14. TRANSPORT INFORMATION

This product is not classified as a hazardous material,

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according to DOT, ADR, RID, IMDG and IATA.

15. REGULATORY INFORMATION

Global Inventories (components):

TSCA: United States - included
DSL: Canada - included
ENCS: Japan - included
EINECS: Europe - included

California 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

Xi Irritant
contains: mixed acrylates

R-phrases:

36/37/38 Irritating to eyes, respiratory system and skin
51/53 Harmful to aquatic system, may cause long-term adverse effects in the aquatic environment

S-phrases:

24/25 Avoid contact with skin and eyes
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical attention
61 Avoid release to the environment. Refer to special instructions / safety data sheets

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 chapter 2:

36/37/38 Irritating to eyes, respiratory system and skin
51/53 Harmful to aquatic system, may cause long-term adverse effects in the aquatic environment

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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