KIWOCOL POLY-PLUS Z

Revision date:5/9/2013

1. IDENTIFICATION OF PRODUCT AND COMPANY

Product Code: Product Name:	21343 KIWOCOL POLY-PLUS Z
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 classified as non-hazardous according to 29CFR 1910-1200.

EMERGENCY OVERVIEW Appearance / Odor: viscous liquid / typical

Potential Health Effects: See Section 11 for more information

Likely routs 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
Ν	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 CAS-No.	Name R-phrases	Hazard	%content
Not Available	Acrylate mixture 36/37/38-51/53	Xi, N	10 – 30 %

Additional information: none known

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4. FIRST AID MEASURES

After skin contact:

Clean thoroughly with soap and water.

After eye contact:

Remove contact lenses; keep eyelids open, rinse under running water for at least 10 minutes. If irritation continues, seek medical advice.

After ingestion:

Do not induce vomiting - seek medical advice. If unconscious, do not administer anything orally. Place in stable side position and seek medical advice. If breathing is irregular or has stopped, apply artificial respiration.

After Inhalation:

If symptoms are experienced, remove from source of contamination or move victim to fresh air. If breathing has stopped, apply artificial respiration. Seek medical advice.

5. FIRE-FIGHTING MEASURES

Flammable: No Means of extinction: adapt to surrounding fire Unsuitable extinguishing media: n.a

Flash point: n.a Explosion data impact: n.a Upper flammable limit: n.a Lower flammable limit: n.a

Explosion data static: none known

Hazardous combustion products: typical carbon oxygen compounds. Fire fighters should wear SCBA for fighting fires in enclosed areas. Autoignition temp: n.a

6. ACCIDENTAL RELEASE MEASURES

Collect with liquid absorbing material and proceed according to local waste disposal regulations. Do not allow large quantities of product to enter waste stream.

7. HANDLING AND STORAGE

Heed the usual precautionary measures for handling chemicals. Store container in cool and dry location.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational exposure limit: No exposure limits established for ingredients Personal Protection Protective gloves Protective goggles recommended General Hygiene Considerations: Wash thoroughly after handling. Have eyewash facilities immediately available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Viscous liquid Color: Blue Odor: Typical Product: 21343 Date: 9/24/2004

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Flash point: n.a. Ignition temperature: Density: Boiling Point: Viscosity: pH:

n.a. 1.06 g/cm³ ~212°F (~100°C) 4.2 mPa.s ~3.4

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 - includedDSL: Canada -includedENCS: Japan -includedEINECS: 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

Laboling	
Xi	Irritant
contains: mixe	ed 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. Product: 21343 Date: 9/24/2004

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