

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

Product: 21863  
Date: 9/8/2011

KIWOCOL POLY-PLUS ER (TACK FREE)  
Revision date: 9/8/2011

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**1. IDENTIFICATION OF PRODUCT AND COMPANY**

Product Code: 21863  
Product Name: **KIWOCOL POLY-PLUS ER (TACK FREE)**  
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: Timing Wang

Recommended use: Manufacture of screens for screen printing 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 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:

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



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Odor: Typical  
Flash point: n.a.  
Ignition temperature: n.a.  
Density: 1.04 g/cm<sup>3</sup>  
Boiling Point: ~212°F (~100°C)  
Viscosity: 9 Pa.s  
pH: ~5.5  
VOC Content: <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 <sub>50</sub>	LC <sub>50</sub>
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**

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This product is not classified as a hazardous material, 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

**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.

**DISCLAIMER OF RESPONSIBILITY:**

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