

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

Product: 21343  
Date: 9/24/2004

**KIWOCOL POLY-PLUS Z**  
Revision date:5/9/2013

---

**1. IDENTIFICATION OF PRODUCT AND COMPANY**

Product Code: 21343  
Product Name: **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 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:

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

Additional information: none known



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

Product: 21343  
Date: 9/24/2004

**KIWOCOL POLY-PLUS Z**  
Revision date:5/9/2013

Flash point: n.a.  
Ignition temperature: n.a.  
Density: 1.06 g/cm<sup>3</sup>  
Boiling Point: ~212°F (~100°C)  
Viscosity: 4.2 mPa.s  
pH: ~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 <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

This product is not classified as a hazardous material,

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

Product: 21343  
Date: 9/24/2004

**KIWOCOL POLY-PLUS Z**  
Revision date:5/9/2013

-----  
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.

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

Product: 21343  
Date: 9/24/2004

**KIWOCOL POLY-PLUS Z**  
Revision date:5/9/2013

---

**DISCLAIMER OF RESPONSIBILITY:**

This document is generated for the purpose of distributing health, safety and environmental data. It is not a specification sheet nor should any displayed data be construed as a specification. The information on this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with handling, storage, use or disposal of this product.