

**Material Safety Data Sheet** (according to 91/155/EEC)

Product: 21537

**AZOCOL MCS**

Date: 15.01.03

Revision date: 23.10.02

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**1. IDENTIFICATION OF PRODUCT AND COMPANY**

Product Code: 21537  
Product Name: **AZOCOL MCS**  
Company: KISSEL + WOLF GmbH  
In den Ziegelwiesen 6  
D-69168 Wiesloch  
Importer: KIWO, Inc.  
1929 Marvin Circle  
Seabrook, TX 77586  
Phone: 281-474-9777  
Fax: 281-474-7325

Recommended use:  
Manufacture of textile screens and screenprinting stencils

**2. 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		
-	acrylate		
-	36/37/38-51/53	Xi,N	12.5 - 20
200-659-6	methanol		
67-56-1	11-23/24/25-39/23/24/25 T,F		< 0.5
256-032-2	(1-methyl-1,2-ethanediy)bis[oxy(methyl-2,1-ethanediy)] diacrylate		
42978-66-5	36/37/38-43-51/53	Xi,N	2.5 - 5

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

**3. HAZARD IDENTIFICATION OF THE PREPARATION**

Xi Irritant  
36/37/38 Irritating to eyes, respiratory system and skin.  
43 May cause sensitisation by skin contact.  
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**4. FIRST AID MEASURES**

After skin contact, clean thoroughly with soap and water. After eye contact, (remove contact lenses) keep eyelid 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.

**5. FIRE-FIGHTING MEASURES**

Adapt fire-extinguishing measures to the surroundings. Do not allow extinguishing water to enter the sewers.

**6. ACCIDENTAL RELEASE MEASURES**

Collect with liquid absorbing material and proceed according to local waste disposal regulations.

## 7. HANDLING AND STORAGE

Keep container tightly closed and in a cool and well ventilated place. Avoid contact with skin and eyes.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational exposure limit:

EINECS-No.	Name	MAK	200 ppm
200-659-6	methanol		

### Personal Protection

Protective gloves

Protective goggles recommended

Respiratory filter (at increased concentrations)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: liquid  
Color: depending on coloration  
Odor: typical

Flash point: n.a.  
Ignition temperature: n.a.  
Density: 1.06 g/cm<sup>3</sup>  
Viscosity: 4.700 mPa.s  
Boiling point: 100°C  
pH: 5.60

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

Repeated or prolonged contact causes local irritation of skin and mucous membranes, particularly the eyes. Inhalation of high concentrations may cause nausea, dizziness, narcotic effect. This product has sensitizing potential. It may cause allergic reactions on persons who are already sensitized.

### General information:

The preparation has been estimated by conventional method (EG directive 1999/45/EG) and is classified according to its toxicological properties (see chapters 2 and 15).

## 12. ECOLOGICAL INFORMATION

Do not enter the product in its original concentration into drains or open waters. Do not store at public waste disposal sites. The preparation has been classified by the conventional method (calculating procedure) of EG directive 1999/45/EG and according to its ecotoxic properties (see sections 2 and 15 for detailed information).

## 13. WASTE DISPOSAL INFORMATION

According to European Waste Code Regulations, the waste code is to specify branch and process.

Recommendation: 080111

Empty container: scrap metal recycling or re-conditioning

Soiled container: treatment like product itself

#### 14. TRANSPORT INFORMATION

ADR/RID: Class: not a dangerous good  
UN n.a.  
Packaging group: n.a.

IMDG: Class: n.a.  
EMS: n.a.  
UN: n.a.

Marine pollutant: n.a.  
Packaging group: n.a.

#### 15. REGULATORY INFORMATION

Labeling (according to 91/155/EEC):

Xi Irritant

contains:

(1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)] di-acrylate

R-phrases:

36/37/38 Irritating to eyes, respiratory system and skin.

43 May cause sensitisation by skin contact.

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases:

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

28 After contact with skin, wash immediately with plenty of water.

36 Wear suitable protective clothing.

61 Avoid release to the environment. Refer to special instructions/safety data sheets.

Special labeling:

n.a.

National Regulation for Germany

Classification acc. VbF: n.a.

Water pollution class: 2

#### 16. OTHER INFORMATION

Text of risk phrases mentioned in chapter 2:

36/37/38 Irritating to eyes, respiratory system and skin.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

11 Highly flammable.

23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

43 May cause sensitisation by skin contact.

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.