

1. IDENTIFICATION OF PRODUCT AND COMPANY

Product Code: 21963
 Product Name: POLYCOL PROJECT S 6
 Company: KISSEL + WOLF GmbH
 In den Ziegelwiesen 6
 D-69168 Wiesloch

Phone of the company: +49 6222 578-0
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Recommended use:

Manufacture of textile screens and screenprinting stencils
 for industrial use only

2. HAZARD IDENTIFICATION OF THE PREPARATION

Xi Irritant

36/38 Irritating to eyes 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.

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		
256-032-2	(1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)] di-		
42978-66-5	acrylate		
	36/37/38-43-51/53	Xi,N	2.5 - 5
	Urethanacrylat Oligomer		
	36/38	Xi	5 - 10
	Glycerin acrylate		
	36	Xi	2.5 - 5

For full text of the risk phrases see chapter 16.

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

Block the danger zone, keep out unconcerned persons. If possible without risk, remove container from the burning area or cool with water (danger of bursting due to development of gas).
Suitable extinguishing media: Water mist, carbon dioxide, foam. Do not use a direct full water jet, this may cause intense steam or heavy splattering.

Hazardous combustion products: Combustion products may contain carbon monoxide or carbon dioxide.

Environmental protection: Embank or collect fire water.

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

Personal Protection

Wash hands and/or face before breaks and after work. Avoid contact with eyes and skin.

Eye protection: Safety glasses with a side-protection (EN 166)

Hand protection: Safety gloves resistant to chemicals (EN 374)

Recommendation for splashing contact: Safety index 2, permeation time > 30 mins., e.g. butyl caoutchouc (0,4 mm)

Recommendation for direct contact: Safety index 6, permeation time > 480 mins., e.g. nitrile caoutchouc (0,4 mm)

Note: Due to various factors of influence (e.g. temperature, duration of contact, mechanic strain), in practice, the time of use can be notably shorter than the permeation time determined by tests.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid

Colour: depending on coloration

Odour : typical

Flash point	:	n.a.	°C
Ignition temperature	:	n.a.	°C
Density	:	1.06	g/cm ³
Viscosity	:	1800	mPa·s
Boiling point	:	100	°C
pH	:	4.70	

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 chapters 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

Tremcard: n.a.

UN number: n.a.

Packaging group: n.a.

IMDG: Class: n.a.

Tremcard: n.a.

EMS: n.a.

UN number: n.a.

Marine pollutant: n.a.

Packaging group: n.a.

15. REGULATORY INFORMATION

Labelling (according to 91/155/EEC):

Xi Irritant

contains:

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

R-phrases:

36/38 Irritating to eyes 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:

24 Avoid contact with skin.

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

37 Wear suitable gloves.

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

Special labelling :

n.a.

National Regulation for Germany

Classification acc. VbF: n.a.

Water pollution class: 2
pollutant

16. OTHER INFORMATION

Text of risk phrases mentioned in chapter 3:

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

43 May cause sensitisation by skin contact.

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

36/38 Irritating to eyes and skin.

36 Irritating to eyes.

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.