



Date of establishment: 09/01/03
Revision date: 14/04/05
Safety data sheet/ EG-Sicherheitsdatenblatt

Product/ Product group: **Conloc UV 660/665/682/684/685/688/690**

1.1 Substance/Preparation and Company Name

1.2 Information on the product

1.3 Information on manufacturer/Supplier

Supplier: **Tiffany Glaskunst GmbH**
Street: **Helleforthstr. 18-20**
UIP Code/town: **D-33758 Schloß Holte Stukenbrock**
Tel.: **+49 5207 91280**
Fax.: **+49 5207 912840**
e-mail: **tgk@tgk.de**
Internet: **http://www.tgk.de**

Telephone number in emergency cases: 05207-9128-0

2. Composition/Information on Ingredients :

Chemical characteristics:

Polyurethan Oligomer Mixture.

CAS-Nummer	Bezeichnung nach EG-Richtlinie	Gehalt	Kennbuchstabe	R-Sätze
00868-77-9	2-Hydroxyethyl-methacrylat	25-50%	Xi	36/38-43
05888-33-5	Isobornylacrylat	25-50%	Xi	36/37/38-43
00079-10-7	Arylic acid	1-10%	C, N	10-34
00614-45-9	tert-Butylperbenzoate	0-10%	Xi, O	8-36/37/38

3. Possible hazards:

Hazard designation:

Xi - irritant

Direct contact can lead to reddening, irritation of skin and eyes. In case of pre-damaged skin, danger of sensitisation cannot be excluded. Irritation of breathing system and odour nuisance possible. In case of problematic UV rays increased ozone concentration possible.

Information pertaining to particular dangers for men and environment:

R36/37/38 Irritating to eyes, respiratory system and skin.

R 43 May cause sensitization by skin contact.

Classification system:

The classification is in line with current EC lists. It is expanded, however, by information for technical literature and by information furnished by supplier companies.

4. First Aid Measures:

Inhalation:

Supply fresh air, consult doctor in case of symptoms. Place affected person in recovery position.

Eye contact:

Rinse opened eyes for several minutes under running water. If symptoms persist, consult doctor.

Skin contact:

Instantly wash with water and soap and rinse thoroughly.

Ingestion:

Low toxicity. Get medical attention. Rinse mouth with water immediately, give plenty of water to drink. Do not induce vomiting.

5. Fire fighting measures:

Appropriate extinguishing media:

Water spray, foam, carbon dioxide, dry extinguishing agents.

Unadequate extinguishing media for safety reasons:

Full water jet

Special hazards caused by the material, its combustion products or flue gases:

Toxic fumes (oxides of carbon and nitrogen) may be evolved upon exposure to heat or open flame.

Special protection equipment for fire fighting:

Breathing protection.

6. Accidental release measures:

Personal precaution measures:

Avoid skin and eye contact. Do not inhale vapours.

Environmental protection measures:

Prevent from spreading (e.g. by damming.in or oil barriers). Do not allow product to reach sewage system, surface/ground water or soil.

Measures for cleaning up/collecting;

Absorb with liquid-binding material, dispose of as special waste.

Additional information:

Clean leak thoroughly with water and soap.

7. Handling and storage:

Handling:

Information for secure handling:

Avoid prolonged or repeated breathing of vapour. Positive fresh air should be provided in the work area; respiratory equipment is unnecessary in normal use.

Storage:

Requirements for storage rooms and containers:

Store only in the original keep container closed, in dry place and away from UV light.

Information on storage together with other substances:

Not required.

8. Exposure controls and personal protection:

This product does not contain any quantities of substances with limit values that have to be controlled.

General protective and hygiene measures:

Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hand during breaks and at the end of the work.

Breathing equipment:

Not required in case or normal use

Protection of hands:

Protective PP or PE gloves with thin textile interior lining.

Eye protection:

Glasses with UV protection against rays and splashes.

9. Physical and chemical properties:

▪ Form:	fluid
▪ Colour:	colourless
▪ Odour:	characteristic
▪ Boiling point/Boiling range (in °C):	205° C
▪ Melting/Melting range (in °C):	not determined
▪ Flash point:	> 95° C
▪ Ignition temperature:	> 150° C
▪ Solubility in water:	not miscible or difficult to mix
▪ Explosion danger:	Product is not explosive
▪ Density (at 20°C):	1,05 g/cm ³
▪ Steam pressure (at 30° C):	8 hPa
▪ Viscosity	
▪ 660	10000 mPa. s
▪ 665:	50 mPa. s
▪ 684:	4000 mPa. s
▪ 685:	3500 mPa. s
▪ 688:	75 mPa. s
▪ 690:	2500 mPa. s

10. Stability and reactivity:

Conditions to avoid/thermic decomposition:

No decomposition if used according to specifications.

Products to avoid:

Oxidizers, amines, strong Lewis or mineral acids, thiosulfates.

Dangerous decomposition products

No dangerous decomposition products known.

11. Toxicological information:

Acute toxicity:

Low

LD50 (oral, rat) < 2000 mg/kg

LD50 (dermal, rabbit) > 2000 mg/kg (analogy)

Skin:

Irritant for skin and mucous membranes

Eyes:

Irritant effect

Sensitization:

Sensitization possible by skin contact.

Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
Irritant

12. Ecological information:

General notes:

Water hazard class 1 (self-assessment of manufacturer):
Slightly hazardous for water.

Avoid contamination of water, sewage systems with liquid glue.

13. Disposal considerations:

For the material/residues

Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations.

Product	
(hardened):	commercial waste
(liquid):	special waste
EAK no.	08 04 06

Contaminated packing:	special waste
EAK no.	15 01 02

14. Transport information:

Non-dangerous goods according to the official regulations.

15. Regulatory information:

Designation according to EC guidelines:

The product has been classified and labelled in accordance with EC Directives/Ordinances on Hazardous Materials (GefStoffV)

Code letter and hazard designation of the product:

Xi – irritant

Hazard-determining components of labelling:

2-hydroxyethyl methacrylate, isobornylacrylate

Risk phrases:

36/37/38 Irritating to the eyes, respiratory system and skin.
43 may cause sensitization by skin contact.

Safety 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 advice.
28 after contact with skin, wash immediately with plenty of water and soap.
37 wear suitable gloves
38 in case of insufficient ventilation, wear respiratory protective equipment.

National regulations:

Classification according to VbF:

A III

Water hazard class:

1 (self-assessment of manufacturer): slightly hazardous for water

16. Additional Information:

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.