



Safety data sheet/ EG-Sicherheitsdatenblatt  
Date of establishment: 21/01/03  
Revision date: 14/04/05

Product/ Product group: **Conloc UV glue 651**

### 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:**

UV curing adhesive

Component	CAS-No.	%	Hazard class
Hydroxypropyl methacrylate	27813-02-1	10-30	Xi, R36, 37, 38
Isobornyl-methacrylate	07534-94-3	10-30	Xi, R36, 37, 38
Acrylic acid	00079-10-7	1-5	C, N, R10, 20/21/22, 35, 50 Odour treshold value 0.1 ppm
Glycidoxypropyl-methoxysilan	02530-83-8	1-3	Xi, N

## 3. **Possible hazards:**

Care should be taken during the cure of these products by UV radiations to avoid exposure of the skin and especially of the eyes to direct or reflected UV radiation as long-term effects could be harmful. This product is irritating to eyes and skin. Increased ozone concentration possible.

## 4. **First Aid Measures:**

### **Inhalation:**

Remove patient to fresh air and seek medical attention.  
Consideration should be given to the possible effects of a faulty UV source (stray radiation, ozone).

**Eye contact:**

Flush eyes with plenty of water for at least 15 minutes. If irritation persists seek medical attention.

**Skin contact:**

Wash skin with plenty of soap and water. If irritation persists seek medical attention.

**Ingestion:**

Rinse mouth with water, then give plenty of water to drink. Do not induce vomiting.

**5. Fire fighting measures:**

Non flammable product (flash point is greater than 100° C).

If product is involved in fire, extinguish with dry powder, foam or carbon dioxide.

Trace amounts of toxic fumes may be released on incineration and the use of breathing apparatus is recommended.

**6. Accidental release measures:**

**Personal protection measures:**

Avoid eye and skin contact. Do not inhale vapours.

**Environmental protection measures:**

Adhere to TA air requirements

**Measures for cleaning-up/collection:**

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:**

Prolonged or repeated skin contact should be avoided to minimise any risk of sensitization. Avoid contact with skin and eyes. Ventilation will remove any ozone that may be produced by the ultra violet lamp.

**Storage:**

**Requirements for storage rooms and containers:**

Store in original containers at a cool place and do not return residual materials to containers as contamination may reduce the shelf life of the bulk product. Store away from direct sunlight.

**8. Exposure controls and personal protection:**

Install exhaustion near the glue working place and UV source.

Components with value limits on working places that have to be controlled:

CAS-No.	Material	Type	Ppm F/G	
79-10-7	Acrylic acid	TLV	2	8 h TWA

**9. Physical and chemical properties:**

- **Form:** liquid
- **Colour:** colourless, transparent – light yellow
- **Odour:**

▪ <b>pH-value:</b>	characteristic
▪ <b>Flash point (closed cup):</b>	not available
▪ <b>Ignition temperature:</b>	> 100° C
▪ <b>Specific gravity at 20°C:</b>	> 300° C
▪ <b>Solubility in water:</b>	1,1 g/cm <sup>3</sup>
▪ <b>Vapour pressure at 25° C:</b>	not miscible
▪ <b>Viscosity (25° C):</b>	< 4 hPa
	3000 – 6000 mPa.s

**10. Stability and reactivity:**

The product is relatively stable under normal conditions of use. In case of temperatures > 200° C low quantities of nitrogen and sulphuric oxid.

**11. Toxicological information:**

**Acute toxicity:**

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

Additional toxicological information:

Product is irritating to the skin, eyes and breathing apparatus, sensitization by skin contact possible.

Product can irritate digestive system. Ingestion of greater quantity can damage liver or kidneys.

**12. Ecological information:**

No information available

**13. Disposal considerations:**

**Recommendation:**

Incineration under controlled conditions recommended. The product and contaminated packing may be disposed of as non-hazardous waste in landfill at approved site. Local regulations should be observed. Dispose of in accordance with local and national 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:**

Not dangerous for transport according to transport regulations.

**15. Regulatory information:**

**Hazard label:**

Irritant

Contains: polyacrylate and acrylic acid

**Risk phrases:**

**R36/37/38**

Irritating to eyes and skin and breathing system

**R43**

Sensitisation by skin contact possible.e

**Safety Phrases:**

**S24**

Avoid skin contact.

**S 26**

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

**S28**

After contact with skin wash immediately with plenty of soap and water.

**S37**

Wear appropriate protective gloves.

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.