

Issue Date: 2010/01/28

Document Number: 01-316-280

Material/Trade Name: UV Adhesive—T8021

## 1-Substance Identification:

**Material/Trade Name** : T8021  
**Material type** : Light Curing Adhesive  
**Company** : ELITE(HK)CO.,LTD  
**Address** : Unit 04 7/F,Bright Way Tower,No.33 Mong Kok Road, Kowloon, Hong Kong  
**Factory Add** : Unit 01 5/f , mengchong part , gangxi road , dashi street , panyu district , Guangzhou,China  
**Telephone** : +86-20-34788001  
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## 2-Composition/Information on Ingredients:

| Hazardous Componen | CAS Numbe    | %       |
|--------------------|--------------|---------|
| Acrylate Monomer   | Trade Secret | 30~40   |
| Acrylate Oligomer  | Trade Secret | 55~75   |
| Silane             | Trade Secret | 1~2     |
| Photoinitiator     | Trade Secre  | 0.5~1.0 |

| Exposure Limits (TWA )  | ACGIH (TLV) | OSHA (PEL) | OTHER |
|-------------------------|-------------|------------|-------|
| None                    |             |            |       |
| Exposure Limits (STEL ) |             |            |       |
| None                    |             |            |       |

## 3- Hazards Identification:

**Toxicity:** Moderately Toxic by ingestion. Eye, skin, and inhalation irritant.  
**Primary routes of Entry:** Skin, Inhalation, Eye C  
**Signs of exposure:** Irritation of eyes, skin, or respiratory tract.  
**Carcinogenic Ingredients**  
**NTP** None  
**IARC** None  
**OSHA** None

## 4- First Aid Measures:

**Ingestion:** Do not induce vomiting. Keep individual calm. Seek medical attention.  
**Inhalation:** Remove to fresh air. If symptoms persist, obtain medical attention.  
**Skin contact:** Wash with soap and wa  
**Eye contact:** Flush with warm water. Seek medical attention.

## 5- Fire Fighting Measures:

**Flash Point:** 150-200F, Tag Closed Cup  
**Extinguishing Media:** Foam, Dry Chemical or Carbon Dioxide  
**Unusual Fire or Explosion Hazards:** None  
**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus.

## 6-Accidental Release Measures

Steps to be taken in case of spill or leak: Eliminate sources of ignition. Maintain adequate ventilation.  
Soak up with inert absorbent. Store in a closed container until disposa

## 7- Handling and Storage:

**Safe storage:** Store away from heat and direct sunlight to maximize shelf life. Store inside in a dry location between 5°C and 28°C. Avoid Light exposure directly.  
**Handling:** Keep container tigh tly closed. Avoid contact with skin. Avoid breathing vapors.

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## 8- Protective Equipment:

Ventilation: Local exhaust ventilation recommended to maintain vapor level below TLV.  
Respiratory protection: Not applicable with good local exhaust.  
Skin: Neoprene or non reactive gloves. Do not use cotton or wool.  
Eye protection: Safety glasses or goggles with side shields.

## 9- Physical and Chemical Properties:

Appearance: Clear liquid  
Odor: Low  
Boiling Point: Greater than 120°C  
Vapor Pressure: Less than 0.2mmHg @20C  
Vapor Density: More than 1 (Air =1)  
Evaporation rate: Not applicable  
Specific Gravity: 1.1  
Viscosity [cps] at 25°C: 450-750cps  
Solubility in water: Negligible.  
Volatile Organic Compound: 7.6% 76 grams per liter  
(EPA Method 24) Product is not self-igniting  
Auto Igniting

## 10- Stability and Reactivity

Stability: Stable  
Hazardous Polymerization: Will not occur  
Incompatibility: Photoreactive. Reacts with amines, acids, alkalis, and oxidizing agents.

## 11- Toxicological Information

Acute Toxicity: None  
Primary Irritant affect: Irritant to skin, eye, and mucous membranes.  
Sensitization: No sensitizing effects known.

## 12- Ecological Information

General Notes: Class 2 water hazard (self-assessment). Do not allow product to reach ground water or sewage system.

## 13- Disposal Considerations:

Spill or accidental release: Soak up with an inert absorbent.  
Disposal procedures: Incinerate or dispose of in an approved landfill in accordance with local and EPA regulations. Not a RCRA hazardous waste.

## 14- Transportation Information:

Domestic Ground Transport:  
Proper shipping name: Unrestricted  
Hazard class or division: Unrestricted  
Identification number: None  
NA 1993  
Marine pollutant: No

## 15- Regulatory Information

CA Proposition 65: No information

## 16- Other Information

Hazard                      NFPA Hazard Code®                      HMIS Hazard Code®



# Material Safety Data Sheet

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|                 |                |                                    |
|-----------------|----------------|------------------------------------|
| Health          | 2              | 2                                  |
| Fire            | 2              | 2                                  |
| Reactivity      | 2              | 1                                  |
| Specific Hazard | Does not apply | Personal protection: See Section 8 |

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**MSDS Preparation date:** 2010/01/28

Elite Adhesive Tech. Dpt.

MSDS