·1.Product information and Identifier

Trade Name: Tacusil UVA 0202 BLUE
Application of the Substance or Mixture: Modified Acrylic resin
Details of the Supplier of the Safety Data Sheet (SDS)
Manufacturer or Supplier:
Room 9,11 Floor, Chuangxin Building Block 1, No.1, Technology Road, Technology Chuangxin Park, West of Dayabay, Huizhou City, Guangdong, P.R. China
Information Department: Product Safety Department: info@tacusil.com.hk
Emergency Telephone Number:
North America - Chemtrec: 1-800-424-9300 (24 hours)
International - Chemtrec: 01-703-527-3887 (24 hours)
China: 0755-27295358(13751079832)

2. COMPOSITION

			Exposure Limits	
			ACGIH	OSHA
HAZARDOUS COMPONENTS	**CAS NO.**	**PERCENT**	**TLV-TWA**	**PEL**
Acrylate Oligomer	Proprietary	<80	N.E.	N.E
IBOA	5888-33-5	>20	0.05 ppm	N.E.
Photocuring Agent	7473-98-5	<10	N.E.	N.E.
Fumed Silica	Proprietary	<10	N.E.	N.E.

Abbreviations: N.E. = Not Established

3. HEALTH HAZARDS IDENTIFICATION

Routes of Exposure: Eyes: Yes Skin: Yes Inhalation: Yes

Eye Contact: May cause persistent, severe injury.

Skin Contact: May cause severe irritation and sensitization. Symptoms can be delayed. Burns may result from prolonged contact. May be slightly toxic if absorbed through the skin.

Inhalation: May cause irritation, headaches, nausea, and dizziness if vapors are generated.

Ingestion: May be moderately toxic. If significant quantities are swallowed may be fatal.

4. FIRST AID MEASURES

Eyes: Flush eyes thoroughly with water for at least 15 minutes while holding eyelids open. Seek medical attention.

Skin: Remove contaminated clothing, wipe from skin, and wash the area with soap and water for 15 minutes. Wash contaminated clothing thoroughly before reuse. If irritation persists obtain medical attention.

Inhalation: Remove to fresh air, and provide oxygen or artificial respiration if needed. Obtain medical attention if irritation or difficulty persists.

Ingestion: Do NOT induce vomiting. Give 3-4 glasses of water and obtain medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

Flashpoint:	>200 ºF, estimated
Explosive Limits:	Not determined
Auto-Ignition Temperature:	Not determined
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide, and other toxic compounds

Fire Fighting Instructions: Firefighters should be equipped with full bunker gear, including a positive pressure, NIOSH approved self-contained breathing apparatus. The use of a stream of water should be avoided. Fire conditions may cause rapid and uncontrolled polymerization.

Extinguishing Media: Use water, carbon dioxide, dry chemical, or appropriate foam.

6. ACCIDENTAL RELEASE MEASURES

Ventilate the spill area, and evacuate if necessary. Beware of spontaneous polymerization. Remove all ignition sources. Absorb with an inert material, and dispose of properly. Flush the area with water. Clean-up personnel should be equipped with adequate protective gear.

7. HANDLING AND STORAGE

Store in a cool (<30 ºC), dry place, in closed containers. Keep away from ignition sources, prolonged exposure to light, and temperatures above 100 ºF. Avoid contact with incompatible materials. Do not create dusty conditions. Take precautionary measures against static discharge.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering/Ventilation Controls: General ventilation and local exhaust may be required to maintain airborne concentrations below the established exposure limits exposure when generating vapors or mists.

Respiratory Protection: When airborne limits are exceeded, a NIOSH-approved respirator for organic vapors, a supplied-air respirator, or a self-contained breathing apparatus is required.

Skin Protection: Neoprene gloves and protective clothing should be worn as necessary.

Eye Protection: Chemical splash goggles or safety glasses with side shields should be worn as appropriate.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Blue
Boiling Point:	>430 ºF
Vapor Pressure (mmHg):	<0.2 at 77 ºF
Vapor Density (air=1):	Not determined
Evaporation Rate:	Not determined
Solubility in Water:	Negligible

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions and use.

Conditions and Materials to Avoid: Keep away from ignition sources, prolonged exposure to light, and temperatures above 100 ºF. Beware of conditions, which may lead to loss of dissolved air, or loss of polymerization inhibitors. Reacts with polymerization initiators such as peroxides, strong oxidizing agents, strong bases, copper, copper alloys, carbon steel, iron, and rust.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, and other toxic compounds.

Hazardous Polymerization: May occur.

11. TOXICOLOGICAL INFORMATION

This section provides toxicological information with regard to the pure form of the component indicated. It is suggested that persons trained in its evaluation interpret this information.

Photocuring Agent

Acute Oral LD_{50}:	2500 mg/kg, rat
Acute Dermal LD_{50}:	> 5000 mg/kg, rat
Acute Inhalation LC_{50}:	No rats died at a concentration of >1.0 mg/L during four-hour aerosol exposures for a 14-day observation period, with approximately 78% of particles less than 7 microns.

12. ECOLOGICAL INFORMATION

No data found.

13. DISPOSAL CONSIDERATIONS

Keep out of surface waters, sewers, and waterways entering or leading to surface waters. Notify authorities if any exposure to the environment occurs or is likely to occur. Utilize an appropriate disposal facility, in compliance with applicable federal, state, and local environmental control regulations.

14. TRANSPORT INFORMATION

D.O.T. Classification: Not Regulated
Hazard Class: None **UN #:** None **PG:** None **ERG #:** None **Hazard Labels:** None

I.A.T.A. Classification: Not Regulated
Hazard Class: None **UN #:** None **PG:** None **ERG #:** None **Hazard Labels:** None

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA

The chemical components of this product are included in the TSCA Chemical Substance Inventory, as required.

SARA TITLE III

Section 313 - Toxic Chemicals

Pursuant to Section 313, this product does not contain any chemicals in a concentration equal to or greater than the *de minimis* level.

Section 311/312 - Hazard Categories

Fire Hazard:	No
Reactivity Hazard:	Yes
Sudden Release of Pressure Hazard:	No
Immediate (Acute) Health Hazard:	Yes
Delayed (Chronic) Health Hazard:	Yes

STATE REGULATIONS / RIGHT TO KNOW

California Proposition 65: This product is not known to contain any chemicals which are recognized by the State of California to cause cancer, birth defects, or other reproductive harm.

16. OTHER INFORMATION

HMIS Hazards:	Health: 2	Flammability: 1	Reactivity: 2
NFPA Hazards:	Health: 2	Flammability: 1	Reactivity: 1

This information is intended solely for the use of individuals trained in the use of this particular system.