

Safety Data Sheet

1、Substance/preparation and company name :

Page : 1 / 4

Trade Name: UV / LED inkjet
Item Number : LED UV Series
Company: TONG JOU CHEMICAL INDUSTRIAL CO., LTD.
Address: 59-3, TEIN FU LI, SAN SHAI, TAIPEI CITY, TAIWAN. R.O.C 02-26733035
Emergency / Fax : 886-2-26733035 / 886-2-26721650

2、Reorganization of hazard information

Classification of Hazards : the toxic material level 5 (swallow), corrode / irritate the skin level3, serious damage / irritate eyes and skin level 2.	
Expression of the Sign: Sign : corrosion、exclamation mark Warning message : Swallow may cause harmful result To cause irritancy for skin To cause irritancy for eyes Methods to Avoid harmful result : Set the vessels in adequately ventilated place. Avoid contact with eyes. Do not pour into the drain. Wear the protective glove. Thoroughly cleans the bands after using. Wears protector for eyes/face.	 
Other Possible hazards :	

3、Composition/information on ingredients :

COMPONENT	CAS NO.	PERCENT
ACRYLATE RESIN	68987-79-1	25~30
ACRYLATE	13048-33-4	47~51
ADDITIVE	5117-12-4	0.5~1
PHOTOINITIATOR	7473-98-5	7~12
PIGMENT Y-150	68511-62-6	8~13

Safety Data Sheet

Page : 2 / 4

4、First aid measures :

Different methods for first aid :
If Inhaled: 1. Moving the patient to air fresh place immediately. 2. if respiratory irritation develops or if breathing becomes difficult, help patients to get CPR. 3. Summon medical help.
On Skin contact: 1. For direct contact, washing with soap and clean water. 2. Contact by clothes, must take out the clothes immediately using soap and water to flush the skin. 3. Summon medical help.
On Eye contact: 1. Wash affected eyes for at least 15 minutes under running water with eyelids held open. 2. Summon medical help and consult an eye specialist.
On ingestion: 1. Do not induce vomiting and summon medical help.
Most important symptom and harmful effect : ---
The protection for medical care personnel: wears anti-seepage glove to avoid contact pollutant.
Suggestion for doctor : ---

5、Fire fighting and measures :

Suitable extinguishing media : carbon dioxide (CO ₂) 、 Foam, dry extinguishing media.
The passable dangerous during fire fighting : ---
Special Fire Fighting Procedures : the water is not suitable to use for fight fire, but the water may absorb heat by mist form or droplet form, cools down the vessel and protect exposition material.
Special protect equipment for fire fighter : fire fighter should wear chemical-resistant clothes and use self-contained breathing apparatus.

6、Accidental release measures :

Handling precautions : In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Protective glasses. Suitable gloves. Protective clothing.
Precautions with respect to environment : 1. Change fresh air into Pollutant area. 2. Suppresses or elimination all possible fire hazards ◦ 3. Inform government relative department and environment protect organization. Avoid discharge into the environment. Stop leaks as soon as possible. Clean up spillage immediately.
Clean up method : 1. Avoid discharge into the environment ◦ 2. Avoided pollutant enters sewer, the drainage or the airtight space. 3. Contain spill if possible ◦ 4. Absorb with mineral filler (such as sand, diatomaceous earth...) ◦ 5. The absorption and releases must put in the suitable vessel with caps and indicates. ◦ 6. Seeking the assistance from fire fighting organization ◦ 7. Wear appropriate personal protective equipment ◦

7、Safety Handling and storage :

Handling : 1. Using ignitable liquid vessel in workplace. 2. Keep away from sources of fire and no smoking ◦ 3. Use in fresh air. 4. Have fire-fighting. 5. The storage has label and keep container tightly closed when not in use ◦
Storage : Keep container tightly close and dry in a cool, well-ventilated place. Protect from heat and direct sunlight. Keep away from sources of fire and heat. Keep container tightly closed when not in use. Take precautionary measures against electrostatic loading. Have fire-fighting.

Material Safety Data Sheet

8、Exposure controls and personal protection：

頁次：3 / 4

Engineering controls： 1. Use in well-ventilated place. Keep away from sources of fire。 2. Keep container tightly closed when not in use。			
Control data			
TWA	STEL	CEILING	BEI
---	---	---	LD50：--- LC50：---
Personal protective equipment：breathing protector Hand protection: chemical resistant gloves Eye protection: goggles. Skin and body: Pinafore, safety shower, eye bath and working shoes.			
General safety and hygiene measures： 1. Change contaminated clothing, clean whole body after working 2. Do not eat, drink or smoke in work place. 3. After work, washing hands thoroughgoing. 4. keep work place cleaning。。			

9、Physical and chemical properties：

Appearance: clear liquid	Odor：ester-like
pH：---	Boiling Point：>100℃
Autoignition Temperature：>100℃	Flash Point：>150℃ test method: close the cup
Vapor Pressure：---	

10、Stability and reactivity：

Stability：stable。
Hazard reaction under special condition：---
Avoid situation：Avoid direct sunlight and contact with heat sours
Avoid material：oxide
Hazard solvent：---

11、Toxicological information：

Acute effects：Skin：skin irritation。 Eyes：eye irritation。
Partial effects：---
Sensitiveness：may cause allergy to skin sensitive people
Short and long term affect to human body： 1. May cause dry skin and skin irritation.
Special affect：---

Material Safety Data Sheet

12、Ecological information：

Page：4/4

Possibilities to affect the environment：Do not allow enter soil, waterways or waste water.

13、Disposal considerations：

Disposal considerations：Must be disposed of by special means, e.g. suitable incineration, in accordance with local regulations.

14、Transport information：

International transport regulations：---

United nation series number：---

Domestic transportation regulations：1. Traffic safety precaution no.84. 2. Shipping regulation for dangerous material. 3. Taiwan railroad loading regulation for dangerous material.

Methods and notes for special transportation：---

15、Regulatory information：

Proper regulation：1. Labor safety and health regulation. 2. Danger and harmful material standard regulation. 3. Special chemical substance prevention standard. 4. Air harmful material concentration standard in work place. 5. Road traffic safety precaution. 6. Enterprise rejects clean process and standard.

16、Other information：

Reference	1. Country of labor affair emergency reaction index. 2. Industrial Technology Research Institute material safety data sheet. 3. Central library publisher chemical industry Encyclopedia
Company	Name：TONG JOU CHEMICAL INDUSTRIAL CO., LTD. Address：59-3, TEIN FU LI, SAN SHAI, TAIPEI CITY, TAIWAN. R.O.C Tel：886-2-26723191 FAX：886-2-26721650
Editor	Job title：QC manager Name(signature): Susan Su
Date	2019/05/21