

# MSDS

## MATERIAL SAFETY DATA SHEET

**Client** : **Signs Full Joint Tech Co.LTD**  
F/6, Building 3, Zone 8, ABP, Fengtai District, Beijing China

**Prepared by** : **Shenzhen CDT Testing Technology Co., Ltd**  
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\*\*\*\*\*FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)\*\*\*\*\*

Signed for and on behalf of  
Shenzhen CDT Testing Technology Co., Ltd



Drafted By: Nancyzhang      Review By: Jaylin      Approved By: Jackeywang

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### 1. CHEMICAL PRODUCT INFORMATION

**Sample Name :** Varnish  
**Model :** DTSAT3  
**TEL :** 86 13810201400  
**E-Mail Address:** procurement@artisjet.com

**Client Name :** Signs Full Joint Tech Co.LTD

**Client Address:** No. 395, Shenshan Avenue West, Jianggao Town, Baiyun District, Guangzhou

**Manufacturer :** Signs Full Joint Tech Co.LTD

**Manufactured Address:** No. 395, Shenshan Avenue West, Jianggao Town, Baiyun District, Guangzhou

### 2. HAZARDS IDENTIFICATION

<b>Fatalness grade:</b>	In accordance with Regulation GB/T 16483-2008 , the sample is not divided into dangerous article .
<b>Invasion route:</b>	Inhalation, skin contact, ingestion
<b>Health hazards:</b>	Irritating to mucous membrane and upper respiratory tract. Irritating to eyes and skin. At present, there is no report of occupational poisoning.
<b>Environmental hazard:</b>	It is harmful to the environment and can cause pollution to water, soil and
<b>Explosion hazard:</b>	Non combustib <sup>h</sup> le substance

### 3. COMPOSITION / INFORMATION ON INGREDIENT

Chemical Name	CAS No .	In % By Weight
Acrylate Monomers	922-67-8	30~ 70%
Oligomers	-	0~30%
Photo-polymerization initiators	41532-84-7	2~ 20%
Additives	-	0~ 10%

#### 4. FIRST AID MEASURES

<b>Skin touch:</b>	Take off the contaminated clothes and wash the skin thoroughly with water for at least 15 minutes.
<b>Eyes touch:</b>	Lift the eyelids and rinse with flowing water for 15 minutes. Get medical attention.
<b>Inhalation:</b>	Leave the site quickly to a fresh air place. Keep the respiratory tract unobstructed. If breathing is difficult, give oxygen. If breathing stops, perform artificial respiration immediately. Get medical attention.
<b>Ingestion:</b>	Rinse the mouth immediately, drink milk or egg white, and seek medical advice immediately.

#### 5. FIRE FIGHTING MEASURES

<b>Hazard characteristics:</b>	Toxic and corrosive smoke generated by high thermal decomposition.
<b>Hazardous combustion products:</b>	Carbon monoxide, carbon dioxide (CO, CO <sub>2</sub> ).
<b>Fire extinguishing method:</b>	Firefighters must wear gas masks and full body fire-fighting clothes to extinguish the fire in the upwind direction. Extinguishing agent: fog water, foam, dry powder, carbon dioxide, sand.
<b>Precautions and measures for fire fighting:</b>	Undetermined

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Emergency action:</b>	Wear chemical protective clothing. It is strictly forbidden to discharge chemicals to the environment without treatment.
<b>Elimination method:</b>	isolate the leakage contaminated area and restrict access. Cut off the ignition source. It is recommended that emergency personnel wear dust masks (full face masks) and gas suits. Collect it in a dry, clean and covered container with a clean shovel and transfer it to a safe place. In case of a large amount of leakage, it shall be collected and recycled or transported to the waste disposal site for disposal.

## 7. HANDLING AND STORAGE

<b>Precautions for operation:</b>	Close operation and strengthen ventilation. The operators must be specially trained and strictly abide by the operating procedures. It is recommended that operators wear self-priming filter type dust masks, chemical safety goggles, anti-poison penetration work clothes and rubber gloves. Keep away from kindling and heat sources. Smoking is strictly prohibited in the workplace. Use explosion-proof ventilation systems and equipment. Avoid dust generation. Avoid contact with oxidants. Handle with care to prevent damage to packaging and containers. Fire fighting equipment and leakage emergency treatment equipment of corresponding varieties and quantities shall be provided. Empty containers may retain harmful substances.
<b>Storage precautions:</b>	This product should be stored in a cool and dry warehouse. It should not be mixed with acid and oxidant, light and heat

## 8. EXPOSURE CONTROLS PERSONAL PROTECTION

<b>Exposure limit:</b>	No standard yet
<b>Monitoring method:</b>	None .
<b>Engineering control:</b>	the production process is closed, fully ventilated, and good ventilation equipment is provided to ensure that the dust concentration in the air is lower than the explosion limit. Provide safety shower and eyewash equipment.
<b>Respiratory system protection:</b>	Self inhalation filter type gas mask (full face mask) or isolated respirator must be worn when contacting with its vapor. In case of emergency rescue or evacuation, it is recommended to wear an air respirator.
<b>Eyes Protection:</b>	Wear safety glasses.
<b>Body Protection:</b>	Wear protective clothing against poison penetration.
<b>Hands Protection:</b>	Wear chemical resistant gloves.
<b>Other Protections:</b>	Smoking, eating and drinking are prohibited at the work site. After work, take a shower and change clothes.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance and properties:</b>	Transparent oily liquid
<b>Solubility:</b>	Insoluble in water, soluble in benzene, alcohol, ether and other semi organic solvents. Main use: coating, mainly used for paper glazing.
<b>PH value:</b>	8-8.5
<b>Solid content:</b>	≥ 92 %

**10. STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable under normal use and storage conditions
<b>Forbidden compound:</b>	Strong oxidant
<b>Conditions to avoid</b>	Static electricity, ignition source, heat source. Avoid contact with incompatible substances.
<b>Polymerization hazard:</b>	No polymerization
<b>Decomposition products:</b>	carbon monoxide, carbon dioxide (CO, CO <sub>2</sub> )

**11 . TOXICOLOGICAL INFORMATION**

<b>Acute toxicity:</b>	No specific data .
<b>Thrill:</b>	No specific data .

**12.ECOLOGICAL INFORMATION**

<b>Eco-toxicity:</b>	No specific data .
<b>Biodegradable:</b>	No specific data .
<b>Non-biodegradable:</b>	No specific data .
<b>Bioconcentration or biological accumulation:</b>	No specific data .
<b>Other harmful effects:</b>	No specific data .

**13. DISPOSAL CONSIDERATIONS**

<b>Nature of waste:</b>	According to GB/T 16483-2008, this product belongs to hazardous waste.
<b>Waste disposal methods:</b>	Refer to National or Local regulations before handling .
<b>Attention abandoned:</b>	Avoid polluting the environment . Prevent waste from entering sewers , surface water and groundwater .

**14. TRANSPORT INFORMATION**

<b>Number of dangerous goods:</b>	32198
<b>UN Number:</b>	UN1293
<b>Packaging Mark:</b>	7
<b>Packaging Method:</b>	Small open mouth steel barrel: screw thread mouth glass bottle, iron cap pressure mouth glass bottle, plastic bottle or metal barrel (can) outer wooden box.
<b>Transport Fashion:</b>	transportation shall be carried in the morning and evening in summer to prevent sun exposure. The transportation shall be carried out according to the specified route.

**15 . REGULATORY INFORMATION**

<b>Regulatory Information:</b>	GB/T 16483-2008 (Regulations on Preparation of Safety Data Sheet for Chemicals) (equivalent to ISO11014-1:1994) Contents and sequence of chapters and sections of safety data sheet for chemical products.
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**16 . ADDITIONAL INFORMATION**

To the best of our knowledge , the information contained herein is accurate .  
However , neither the above named supplier , nor any its subsidiaries , assumes any liability whatsoever for the accuracy or completeness of the information contained herein .

Final determination of suitability of any material is the sole responsibility of the user .  
All materials may present unknown hazards and should be used with caution .  
Although certain hazards are described herein , we cannot guarantee that these are the only hazards that exist .

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