



# Safety Data Sheet

## 1. Identification of the substance/preparation and of the company/undertaking:

Trade Name: VHD / UV INK - BLACK
Item Number: 200-100450
Company: XANTE CORPORATION Address: 2704 DAUPHIN STREET, MOBILE, AL 36606 Phone: (251) 473-6502 Fax: (251) 473-6503
Emergency: Chem-Tel, Inc. (24 hours) (800)255-3924, +1(813)248-0585

## 2. Hazards identification:

Hazard Categories / Classes: Acute toxicity (oral): Category 5, Skin corrosion/irritation: Category 3, Serious eye damage / eye irritation: Category 2.
Label elements:  
Signal Word: Danger
Hazard statements: H302: Harmful if swallowed H315: Causes skin irritation H320: Causes eye irritation
Precautionary statements: 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 and face

## 3. Composition and information on ingredients:

COMPONENT	CAS NO.	PERCENT
ACRYLATE RESIN	CBI	10~15
ACRYLATE	13048-33-4	75~80
ADDITIVE	5117-12-4	1~2
PHOTOINITIATOR	CBI	8~10
PIGMENT Y-150	1333-86-4	6~10

#### 4. First aid measures:

Different methods for first aid:
<b>If Inhaled:</b> <ol style="list-style-type: none"><li>1. Moving the patient to a fresh place immediately.</li><li>2. If respiratory irritation develops or if breathing becomes difficult, help patients to get CPR.</li><li>3. Summon medical help.</li></ol>
<b>On Skin contact:</b> <ol style="list-style-type: none"><li>1. For direct contact, washing with soap and clean water.</li><li>2. Contact by clothes, must take out the clothes immediately using soap and water to flush the skin.</li><li>3. Summon medical help.</li></ol>
<b>On Eye contact:</b> <ol style="list-style-type: none"><li>1. Wash affected eyes for at least 15 minutes under running water with eyelids held open.</li><li>2. Summon medical help and consult an eye specialist.</li></ol>
<b>On ingestion:</b> <p>Do not induce vomiting and summon medical help.</p>
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 <sub>2</sub> ), Foam and 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:

<b>Handling precautions:</b> In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Protective glasses. Suitable gloves. Protective clothing.
<b>Precautions with respect to environment:</b> <ol style="list-style-type: none"><li>1. Change fresh air into Pollutant area.</li><li>2. Suppresses or elimination all possible fire hazards.</li><li>3. Inform government relative department and environment protect organization. Avoid discharge into the environment. Stop leaks as soon as possible. Clean up spillage immediately.</li></ol>
<b>Clean up method:</b> <ol style="list-style-type: none"><li>1. Avoid discharge into the environment.</li></ol>

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.

## 8. Exposure controls and personal protection:

### 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, wash hands thoroughly.
4. Keep work place clean.

## 9. Physical and chemical properties:

Appearance: Black liquid

Odor: Ester-like

PH: ---	Boiling Point: >100°C
Autoignition Temperature: >100°C	Flash Point: >150°C 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 sources
Avoid material: Oxide
Hazard solvent: ---

#### 11. Toxicological information:

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

#### 12. Ecological information:

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

#### 13. Disposal considerations:

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

#### 14. Transport information:

United nation number: Not classified as hazardous for transport
UN Proper shipping name: NON FLAMMABLE
Domestic transportation regulations: Under domestic transportation regulations.
Transport hazard class(es): NA
Packing group: NA
Marine pollutant(Yes/No): NO
Specific transport measures and precautionary condition: NA
Not regulated in IATA DGR regulation.

#### 15. Regulatory information:

Proper regulation: 1.U.S Federal Regulations: Not available.
-----------------------------------------------------------------

1. International Regulations: Not available.
2. Canadian WHMIS: Not available.
3. Canadian Environmental Protection Act: Not available.
4. EINECS: Not available.
5. State Regulations: Not available.
- 6.State of California Proposition 65: This product does not contain any chemicals known to the state of California to cause cancer,birth, or any other reproductive defects
7. The product meets the requirements of the Toxic Substances Control Act (TSCA)

**16. Other information:**

Reference	<ol style="list-style-type: none"><li>1. Country of labor affair emergency reaction index.</li><li>2. Industrial Technology Research Institute material safety data sheet.</li><li>3. Central library publisher chemical industry Encyclopedia</li></ol>
-----------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------