

SAFETY DATA SHEETS

Applicant : Color Prime Ink Technology
Address : 2512 Summit Ave Ste. 303 Plano, TX 75054
Manufacturer : Color Prime Ink Technology
Address : N2512 Summit Ave Ste. 303 Plano, TX 75054

SAMPLE INFORMATION

Sample name : UV DTF Varnish
Sample Model : N/A
Brand Name : N/A

TEST INFORMATION

Receipt Date : 2023-05-12
Issue Date : 2023-05-18
Test Items : SAFETY DATA SHEETS

Test Requested:

As specified by the client, to edit Safety Data Sheet (SDS) for the submitted sample

REMARKS

1. The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the laboratory.
2. Sample State: Solid
3. Sample Package: Intact
4. Ambient Condition During Testing: 20 °C, 45% RH.

Tim Chen

Test/Witness Engineer



Approved & Authorized

Section 1 - Material and vendor information

Identification of the preparation : UV DTF Varnish
Company Identification : Color Prime Ink Technology
Company Address : 2512 Summit Ave Ste. 303 Plano, TX 75054
Tel : N/A
Fax : N/A
Email : N/A

Section 2 - Hazards Identification

GHS Hazard Categories: The product is not classified according to the GHS regulation.

Pictograms: None

Hazard information: None

Invasion route: Ingestion.

Health hazards: Eyes contact can cause irritation; Ingestion can cause abdominal pain, discomfort.

Precautionary statement(s):

Prevention:

P264 Wash thoroughly after handling.

Response:

P305+P351 IF IN EYES: Rinse cautiously with water for several minutes.

Storage:

P403+P233 Store in a well ventilated place. Keep container closed.

Disposal:

P501 Dispose of contents and container in accordance with national regulations.

Section 3 - Composition/ Information on Ingredients

Pure Admixture

Composition:

Component/Substance	Percentage by weight	CAS#
Tetrahydrofurfuryl acrylate	30.0-50.0%	2399-48-6
Cyclic Trimethylolpropane Formal Acrylate	20.0-40.0%	66492-51-1
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	1.0-20.0%	75980-60-8

Section 4 - Emergency Treatment

Inhalation: In case of discomfort, leave the scene in time to a place with fresh air, keep the respiratory tract unobstructed, give oxygen if breathing is difficult, and give artificial respiration to a doctor immediately if breathing is difficult.

Skin contact: If necessary, take off the contaminated clothes and thoroughly wash them with decontamination products such as flowing water and soap.

Eye contact: Take out the contact lenses (if any), lift up the upper and lower eyelids, and immediately flush the eyes with a large amount of flowing water for several minutes. If the situation does not improve, get medical assistance immediately.

After ingestion: Rinse with water after ingestion. Excessive ingestion can induce vomiting, and consult a doctor for medical help in time.

The most important acute and delayed symptoms / effects: No known relevant information.

If necessary, indicate the need for immediate medical treatment and special treatment: Treat according to symptoms, without special treatment.

Section 5 - Fire-fighting measures

Appropriate extinguishing media: Water, sand, extinguishing powder, carbon dioxide, or foam fire extinguishers.

Inappropriate extinguishing media: No known.

Specific hazards caused by chemicals: The product is not flammable, but it can support combustion in case of fire.

Harmful thermal decomposition products: No relevant information.

Special protective equipment and protective measures for firefighters: In case of fire, it is the standard clothing for firefighters to wear positive pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing, including helmets, protective boots and gloves, to provide basic protection against chemical accidents and avoid inhalation of flammable gas or steam.

General fire extinguishing methods: Spray water or use fire extinguishers in safe areas. If conditions permit, flammable and explosive devices should be transferred out of the fire scene in time and spray water to cool the product packaging containers to prevent the containers from exploding.

Section 6 - Accidental Release Measures

Emergency treatment: Leakage of contaminated areas to evacuate personnel to safety, as far as possible to cut off sources of pollution. Small amount of spillage: Clean off. Collect in a dry, clean, covered container and transferred to safe place; Massive spillage: Recycle or transport to waste treatment place for handling.

Section 7 - Safety Handling and Storage

Protective measures for safe handling: Do not eat, drink or smoke during handling, and thoroughly clean after handling.

Volatile odor may be produced during the production and processing of products in contact with parts, so relevant personal protection work should be done well and a comprehensive ventilation control plan should be adopted during the production and processing of products

Storage conditions: Keep the storage area dry and the package closed. The products should be stored in a cool place away from any substance that can react with the products. The storage area should be equipped with fire extinguishing devices

Section 8 - Contact Control and Personal Protection

Occupational exposure limit:

MAC(mg/m³):No information **TWA(mg/m³):**No information **STEL(mg/m³):**No information

Engineering control:The production process space is closed, need to strengthen the ventilation. Make sure that there is a wash and shower in the vicinity of the workplace. Set emergency evacuation routes.

Respiratory Protection: No protection in normal situation.

Eyes Protection: No protection in normal situation.

Body Protection: Wear work clothes.

Hands Protection: Wear protective gloves.

Other Protections: No smoking, dining and drinking water in the workplace. Keep good habit of hygiene.

Section 9 - Physical and Chemical Properties

Appearance: Solid

Colour: Blue

PH: N/A

Melting point/range:N/A

Density:N/A

Oxidising properties:N/A

Solubility in water: N/A

Partition coefficient(n-octanol / water):N/A

Evaporation rate:N/A

Odour: N/A

Boiling point/range:N/A

Flashpoint:N/A

Weight (g/cm³): N/A

Vapour pressure:N/A

Vapour density:N/A

Ignition temperature:N/A

UEL:N/A

Section 10 - Stability and Reactivity

Reactivity and chemical stability: Generally, the product is stable.

Possibility of dangerous reaction: No obvious known.

Conditions to Avoid: High temperature,Flame.

Incompatible (reactive) material: Strong oxidant.

Dangerous decomposition products: No known information.

Section 11 - Toxicology Analysis

Acute Toxicity: No known significant effects or serious harm.

Sub-acute and Chronic Toxicity: No known significant effects or serious harm.

Irritation: No known significant effects or serious harm.

Sensitization: No known significant effects or serious harm.

Mutagenicity: No known significant effects or serious harm.

Carcinogenicity: No known significant effects or serious harm.

Section 12 - Ecological Information

Ecological toxicity:None

Persistence and degradation:No information

Potential bioaccumulation:No information

Migration in soil:No information

Other harmful effects:None

Section 13 - Waste Disposal

Waste disposal method: The product is non hazardous waste, which shall be treated according to the relevant local waste disposal methods.

Suggestions for product disposal: Dispose according to relevant local waste disposal methods
Container disposal: dispose in accordance with the relevant local treatment regulations and as far as possible by an approved waste disposer.

Regulations: Relevant disposal methods should adapt to local regulations.

Section 14 - Transportation Information

According to IATA DGR 64th (2023)for transportation.The product as a non restricted goods transport.

UN number:None

Risk classification:Non-dangerous goods.

Land Transport ADR/RID:Not regulated for transport of dangerous goods.

Maritime Transport IMO/IMDG:Not regulated for transport of dangerous goods.

Air Transport IATA/ICAO:Not regulated for transport of dangerous goods.

Packaging Information: Packing according to customer requirements.

Transport Fashion:By sea, By air, By rail, By highway

Transport Attentions: No collapse or no damage during the course of transportation. Corresponding varieties and number of fire equipment and contingency processing equipment should be equipped during the course of transportation. Strictly prohibit put the goods together with oxidizer, acid, etc. for transport. During transport, the goods should prevent exposure, rain and high temperature. Keep away from fire.

Section 15 - Laws and Regulations Details

Regulatory Information:

ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections.
Regulation (EC) No. 1272/2008 Classification, Labeling and Packaging of Substances and Mixtures.

《Dangerous Goods Regulation》

《International Maritime Dangerous Goods》

《Technical Instructions for the Safe Transport of Dangerous Goods》

《Classification and code of dangerous goods》

Section 16 - Other Information

Data Audit Units: Shenzhen LH Testing Technology Co., Ltd.

Disclaimer: The information in this Safety Data Sheet (SDS) was obtained from sources which we believe are reliable; however, the information is provided without any representation of warranty, expressed or implied, regarding the accuracy or correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use, or disposal of this product. All information, recommendations, and suggestions appearing herein concerning this product are taken from sources or based upon data believed to be reliable.

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