

## 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 divulgence: Clean off.Collecte in a dry, clean, covered container and transferred to safe place; Massive divulgence: 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/cm<sup>3</sup>):** 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.

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\*\*\*\*\* (END OF REPORT) \*\*\*\*\*