



SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND OF THE COMPANY/ UNDERTAKING

Product Name : Direct to Film/DTF TPU Transfer Powder Low Temperature 225F

Product # : DTF-P-1

Material Uses : Thermoplastic Polyurethane Adhesive Powder for Inkjet Ink Transfer

Manufacturer : STS Inks LLC., 8300 Congress Ave., Boca Raton, FL 33487
Phone: 561-999-8818
Fax: 561-999-8828
Emergency: 561-419-7111
www.stsrefill.com

Date : 08/26/21

2. HAZARD IDENTIFICATION

2.1 Classifications of the substance or mixture:

Classification according to GHS 29CFR 1910.1200

Not classified as hazardous

2.2 Label Elements:

Labeling according to GHS

Hazard pictograms: None

Signal Word:None

Hazard Statements:None

Precautionary Statements: None

2.3 Other Hazards:

No risks worthy of mentioning.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

3.1 Mixtures

Description of the mixture: Polyurethane

4. FIRST AID MEASURES

4.1 Description

- Inhalation** : In case of respiratory tract irritation, consult a physician.
Ingestion : Rinse mouth, Get medical advice/attention.
Skin Contact : After contact with molten product, cool skin area rapidly with cold water.
Eye Contact : Rinse immediately carefully and thoroughly with eye-bath or water.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Potential Acute Health Effects

Eye Contact: No known significant effects or critical hazards.

Inhalation: Inhalation of dust may cause irritation of the respiratory system.

Skin Contact: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Over Exposure Signs/Symptoms

Eye Contact: No specific data.

Inhalation: No specific data.

Skin Contact: No specific data.

Ingestion: No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media: Carbon dioxide(CO₂), water spray, extinguishing powder.

Unsuitable Extinguishing Media: Full Water jet

5.2 Special Hazards arising from the substance or mixture

In case of fire may be liberated: Nitrogen oxides(NO_x), Carbon dioxide(CO₂), Carbon Monoxide(CO)

5.3 Advice for Fire-Fighters

Use breathing apparatus with independent air supply.

Protective suit.

5.4 Further Information

None

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Avoid dust formation.

6.2 Environmental Precautions

Avoid releasing to the environment. Do not allow to enter drains, sewers or water courses.

6.3 Methods for Cleaning Up

Contain and collect dust-free and place in container for disposal according to local regulations.

7 HANDLING AND STORAGE

Handling : If handled uncovered, arrangements with local exhaust ventilation should be used if possible. Avoid dust formation. Keep away from Sources of ignition-No smoking. Take precautionary measures against static discharges. Explosive dust-air mixtures may form.

Storage : Store in a cool, dry place. Keep away from film.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Occupational Exposure Limits:

No data available.

8.2 Exposure Controls

Respiratory Protection : Half-face respirator with particulate filter.

Skin Protection : Wear impervious gloves

Eye Protection : Wear tightly sealed safety glasses.

Other protective measures : Wear antistatic work clothing.

8.3 Additional Information : Respirable fraction, Limit value: 1.25mg/m³, Inhalable Fraction, Limit Value: 10mg/m³

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: Powder
Color	: White
Odor	: Characteristic
Boiling Point	: Not Determined
Melting Point	: 110-120°C

Freezing Point	: No Data Available
Specific Gravity	: No Data Available.
Vapor Density	: No Data Available.
Vapor Pressure	: Not Determined
Evaporation Rate (Butyl Acetate = 1)	: No Data Available
Relative Density	: No Data Available
Solubility (Water)	: No Data Available.
pH	: Not Determined
Flash Point	: Not Determined
Auto-Ignition Temperature	: >350 °C
Flammable Limits	: Not Determined
Volatility (w/w)	: No Data Available
VOC Volatility (w/w)	: No Data Available
Less Exempt Volatile	

10 STABILITY AND REACTIVITY

Stability : This product is stable under recommended conditions of storage and use.

Reactivity : No data available

Conditions to Avoid : Only use the material in places where open light, fire and any other flammable sources can be kept away.

Incompatible materials : Humidity

Hazardous Decomposition Products : No decomposition if handled as prescribed. Thermal decomposition can lead to the escape of irritating gases and vapors.

11 TOXICOLOGICAL INFORMATION

Serious Eye Damage/Eye Irritation : No data available.

Skin Irritant : No data available.

Ingestion : No data available.

Inhalation : Inhalation of dust may cause irritation of the respiratory system.

12 ECOLOGICAL INFORMATION

Environmental Fate	: No information available.
Biodegradation	: According to experience this product is inert and not degradable.
Bioaccumulation	: No indication of bioaccumulation potential.
Mobility	: Not applicable.
Ecotoxicity	: No information available.

13 DISPOSAL CONSIDERATIONS

Waste Disposal	: Can be incinerated together with household waste in compliance with applicable technical regulations following consultation with the approved waste disposal management companies and authorities in charge.
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14 TRANSPORTATION INFORMATION

Not a dangerous good in sense of these transport regulations.

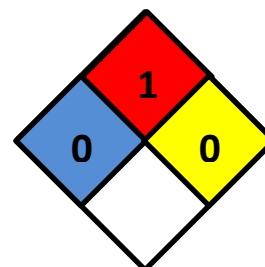
Not regulated under United States DOT Domestic Surface, USA, ICAO/IATA AIR, IMO/IMDG OCEAN, ADR, or RID

Special precautions	: None
UN Number	: Not applicable
Class	: Not applicable
Proper shipping name	: Not applicable
Packing group	: Not applicable
Marine pollutant	: None noted

15 REGULATORY INFORMATION

U.S Federal Regulations	: Substance/product is listed in the following inventories: TSCA
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National Fire Protection Association (United States)	: Health: 0 Flammability: 1 Instability: 0
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State Regulations	: Not available.
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State of California Proposition 65

: This product does not contain proposition 65 listed chemicals that would mandate consumer notification labeling.

16 OTHER INFORMATION

Date of Issue : August 26th, 2021

Version : 1.01

Notice to the Reader:

The data in this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained. 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. A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if or where precautions-in addition to those described herein- are required. Any health hazard and safety information contained herein should be passed on to your customers or employees. The manufacturer must rely on the user to utilize the information provided to develop guidelines and employee instructional programs for safe use.

The information in this Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared to assist those working with or handling this product. This information is furnished without any warranty, representation or license of any kind. To the best of the manufacturer's knowledge, the information presented by this document is believed to be accurate. The manufacturer does not assume any legal responsibility for the use of the same. Customers are encouraged to conduct their own tests before using any product. Read the label instructions.