

Safety Data Sheet  
DTF Adhesive White Powder  
Date of Tabling: 12/30/2020  
Modified Date: 01/01/2021

## **SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY**

### **1.1 Identification of the Chemical (substance or preparation)**

DTF Adhesive White Powder

#### **1.1B Product model: DTF-Powder-1**

### **1.2 Use of the Chemical**

Hot press bonding

### **1.2 Company Information**

Company name	ColDesi / Colman & Company, Inc.,
Address	3634 131 <sup>st</sup> Ave N., Clearwater, FL
Zip code	33762
Telephone	800-891-1094

### **1.3 Emergency Telephone**

In case of emergency, please contact: call CHEMTREC, in US or Canada, call 800-424-9300  
Outside of US or Canada, call 703-527-3887

## **SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS**

### **2.1 General Chemical Description**

White powder, with thermoplastic can be re-heated plasticized bonding.

### **2.2 Base Substances of Preparation**

<b>COMPONENTS</b>	<b>CAS-NO.</b>
Polyurethane	9009-54-5

## **SECTION 3. HAZARD IDENTIFICATION**

### 3.1 Health Effects

Non-hazardous at room temperature, non-hazardous to health

### 3.2 Environmental impact

No effect

### 3.3 Physical and Chemical Hazards

No harm at normal temperature, high temperature molten beware of burns

### 3.4 Special Hazards

No

### 3.5 Declaration of Ingredients according to EC 1907/2006(REACH Regulation) (if necessary)

Hazardous components	EC-No.	CASE-No.	Classification
None	None	None	None

## SECTION 4. FIRST AID MEASURES

### 4.1 General Information

<u>Exposure Route</u>	<u>Specific First Aid Measures</u>
Eye Contact	Rinse with plenty of water and seek medical attention immediately.
Ingestion	Discharge immediately induce vomiting and immediately seek medical attention
Skin contact	No harm at room temperature, if discomfort, wash with soap or water. If the molten state at a high temperature and exposure to the substance is used to cool the ice or flowing water, and timely medical treatment.

### 4.2 Advice to Doctor

None

## SECTION 5. FIRE-FIGHTING MEASURES

### 5.1 Suitable Fire-fighting Equipment

#### **Fire fighting equipment**

**Suitable-** Small fires: dry powder fire extinguishers, carbon dioxide fire extinguishers, foam fire extinguishers. Big Fires: spray, fog or regular foam fire extinguishers.

**Unsuitable-** Do not use direct current fire extinguishers.

## **5.2 Dangerous Decomposition Products:**

Decomposition Non-toxic fumes under fire conditions (Due to different personal physical condition, may produce discomfort)

## **5.3 Additional Information for Firefighters**

Firefighters should wear positive pressure self-contained breathing apparatus, it should be equipped with protective clothing.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **6.1 Personal precautions**

No harm at normal temperature, high temperature molten beware of burns

### **6.2 Environmental Precautions**

Prevent the inflow pipes or ditches

### **6.3 Methods for cleaning up/taking up**

After heating alcohol scrub

## **SECTION 7. HANDLING AND STORAGE**

### **7.1 Handling**

(1) Workplace

Require the installation of local ventilation equipment

(2) Worker

As the case may be, to wear protective masks, eye, gloves.

### **7.2 Storage**

1, temperature 20-30 C, humidity 45-55 %, non-UV light exposure, dark (blackout include: lighting, natural light), avoid prolonged air contacts.

2, if the entire volume of material storage, stacking strength should not be too large, stacking height should be moderate.

## **SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

### **8.1 Exposure Limit Values**

Not specified

### **8.2 Exposure Controls**

Occupational exposure controls

- (a) Respiratory protection Not applicable
- (b) Hand protection
- (c) Heating process using gloves for protection

- (d) Eye protection  
Not applicable
- (e) Skin protection  
Not applicable

Environmental exposure controls

## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 General Information**

Appearance: Powder

Odour: tasteless

Colour: White

### **9.2 Important Health, Safety and Environmental Information**

Acidity/pH	Not applicable
Boiling point/boiling range	Not applicable
Flash point	Uncertain
Flammability (solid, gas)	it will not cause a fire
Explosive properties	No explosive
Relative density ( water=1)	1.16±0.02g/cm <sup>3</sup>
Hardness	Undetermined
Solubility	Not applicable
Water solubility	Insoluble
Melt Point	105°C-115°C
Vapor pressure	Undetermined
Vapor Density (Air=1)	Not applicable

## **SECTION 10. STABILITY AND REACTIVITY**

### **10.1 Conditions to Avoid**

Do not put wet or in direct sunlight

### **10.2 Materials to Avoid**

Sunlight, Water, Fire

### **10.3 Hazardous Decomposition Products**

NONE

## SECTION 11. TOXICOLOGICAL INFORMATION

<b>Acute oral toxicity</b>	None	<b>Irritability</b>	None
<b>Acute dermal toxicity</b>	None	<b>Carcinogenicity</b>	None
<b>Acute inhalation toxicity</b>	None	<b>Teratogenicity</b>	None
<b>Skin irritation</b>	None	<b>Reproduction toxicity</b>	None
<b>Eye stimulation</b>	None	<b>Cumulative toxicity</b>	None

## SECTION 12. ECOLOGICAL INFORMATION

### **12.1 Ecotoxicity**

This product does not harm the environment.

### **12.2 Fluidity**

30±5g/10 min (ASTM D1238-04)

### **12.3 Persistence and Degradability**

None

### **12.4 Bioaccumulative Potential**

None

### **12.5 Other Adverse Effects**

None

## SECTION 13. DISPOSAL CONSIDERATIONS

It can be regarded as non-toxic plastic waste, can be recycled or discarded according to local government laws.

## SECTION 14. TRANSPORT INFORMATION

### **14.1 Classification According to ADR**

Not specified

### **14.2 Classification According to IMDG**

Not specified

### **14.3 Classification According to IATA**

Not specified

## **SECTION 15. REGULATORY INFORMATION**

### **15.1 Applicable Regulations**

No reference material

## **SECTION 16. OTHER INFORMATION**

### **16.1 References**

None

### **16.2 Tabulation**

Date of Tabling

2020/12/30

Modified Date

2021/01/01

Before using, the user shall determine the suitability and fitness of the product for its intended use. The user assumes all risks and liability whatever in connection with its own tests and use. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use, misuse or inability to use the product.

