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 131st 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

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**

<table>
<thead>
<tr>
<th>COMPONENTS</th>
<th>CAS-NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyurethane</td>
<td>9009-54-5</td>
</tr>
</tbody>
</table>

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 1907/20Q6(REACH Regulation) (if necessary)

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>EC-No.</th>
<th>CASE-No.</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

SECTION 4. FIRST AID MEASURES

4.1 General Information

<table>
<thead>
<tr>
<th>Exposure Route</th>
<th>Specific First Aid Measures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Contact</td>
<td>Rinse with plenty of water and seek medical attention immediately.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Discharge immediately induce vomiting and immediately seek medical attention</td>
</tr>
<tr>
<td>Skin contact</td>
<td>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.</td>
</tr>
</tbody>
</table>

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
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/cm³
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

<table>
<thead>
<tr>
<th></th>
<th>Acute oral toxicity</th>
<th>Acute dermal toxicity</th>
<th>Acute inhalation toxicity</th>
<th>Skin irritation</th>
<th>Eye stimulation</th>
<th>Irritability</th>
<th>Carcinogenicity</th>
<th>Teratogenicity</th>
<th>Reproduction toxicity</th>
<th>Cumulative toxicity</th>
<th>Cumulative toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

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.