

Safety Data Sheet

Revision date: January 01, 2023

1. Product and company identification

- Product Name: DTF Adhesive White Powder (2024)
- Product Code: DTF-Powder-1
- Use: Thermoplastic hot-melt powder
- Company / Distributor: ColDesi, Inc. / Colman & Colman Inc.
 - 12198 44th Street North, Clearwater, FL 33762
 - Telephone: 800-891-1094
- Emergency Telephone: In case of emergency, please contact CHEMTREC, in US or Canada, call 800-424-9300, outside of US or Canada, call 703-527-3887

2. Composition /information on ingredients

- This preparation is not classified as dangerous according to the EU Guideline 1999/45/EEC.

3. Hazards identification

- Common chemical name: Polyurethane CAS NO: 30662-90-0

4. First-Aid measures

- Inhalation: no special measures are required
- Skin contact: no special measures are required
- Eye contact: no special measures are required
- Ingestion: no special measures are required

5. Fire-fighting measures

- Extinguishing media: Foam, CO₂, Powder
- Special risks: Temperature over 350 °C / 660 F
- Protection for fire-fighters: No special measures are required

6. Accidental release measures

- Personal precautions: Avoid dust formation
- Environmental precautions: No special measures are required
- Cleaning up methods: pick up mechanically

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7. Handling and storage

- Handling: Avoid dust formation; provide sufficient ventilation and/or extraction of fumes by thermal processing
- Fire and explosion prevention: Avoid electrostatic charges
- Storage: Avoid prolonged storage in open sunlight, high temperatures and high humidity

8. Exposure controls and personal protection

Components with limit values to supervise:

- Max exposure level: at place of work: 6mg/m³, general dust limit
- Working hygiene: do not inhale the dusts; do not inhale the fumes of the hot material
- Breathing protection: necessary by dust formation / FFP1 style one-way mask
- Hand protection: not necessary
- Eye protection: not necessary

9. Physical and chemical properties

- Appearance: Bags
- Color: White
- Odor: Odorless
- Melting point/range: 95-115°C (DSC) (200-240 F)
- Boiling temperature: not applicable
- Ignition temperature: >350°C (662 F)
- Flame point: not applicable
- Vapor pressure (20°C): not applicable
- Density (20°C): 0.95g/m³
- Solubility in water (20°C): not soluble
- PH-value: not applicable

10. Stability and Reactivity

- Decomposition temperature: >300°C (572 F)
- Reactivity: none
- Hazardous decomposition products: e.g. Carbon monoxide and Carbon dioxide

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11. Toxicological information

According to our experience and information, the product does not have any harmful effects on health if it is appropriately handled and applied

12. Ecological information

No ecological studies are available.

13. Disposal considerations

Dispose in accordance with local Authority requirements.

14. Transport information

DOT Classification: Not a DOT controlled material(United States)

IATA: Not regulated.

No transport warning sign required.

15. Regulatory information

- Classification according to EC - Regulations: No classification given

- Water hazard classification: Water hazard classification, self classified: WGK-0

16. Other information

The information is based on the current state of our knowledge and is intended to describe the product from the point of view of safety requirement only.