



Product Safety Information Sheet – JD DTF Adhesive Powder

1. Product Identification

- Product Name: JD DTF Adhesive Powder
- Type: Thermoplastic Polyurethane (TPU) Powder
- Intended Use: Heat transfer adhesive for DTF (Direct-to-Film) printing process

2. Composition & Ingredients

- Main Component: TPU (Thermoplastic Polyurethane)
- Appearance: White, odorless powder
- Particle Size Options: Fine (80–120 μm), Medium (120–200 μm), Coarse (200–300 μm)
- Hazard Classification: Non-hazardous under normal handling conditions

3. Potential Hazards

- Not classified as dangerous, but dust may cause temporary respiratory or eye irritation
- Combustible material – avoid open flame and high heat sources
- No known toxic effects under normal industrial use

4. Handling & Storage

- Store in a cool, dry, and well-ventilated area
- Keep in sealed packaging to prevent moisture absorption
- Avoid generating dust during handling
- Shelf life: 12 months under recommended conditions

5. Exposure Control & Personal Protection

- Use local exhaust ventilation when curing powder
- Wear protective gloves and dust masks when handling bulk powder
- Avoid prolonged skin contact and eye contact
- Wash hands thoroughly after handling

6. Fire Safety

- Material is combustible
- Suitable extinguishing media: water spray, foam, dry chemical, CO₂
- Avoid inhaling smoke in case of fire



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7. Stability & Reactivity

- Stable under normal storage and use conditions
- Avoid excessive heat (>200°C) and direct flame
- No hazardous decomposition under normal processing

8. Disposal Considerations

- Dispose of powder waste in accordance with local regulations
- Do not release large quantities into the environment
- Empty packaging should be recycled or disposed of properly

9. Contact Information

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