Safety Data Sheet (S.D.S.)

1907/2006/EC, 1272/2008/EC

Version 1.2 / Revision 3

SECTION 1: Identification of the substance/mixture and company

1.1 Product name / Part number
Name: DTF FILM I-Series / DTF-Film-24

1.2 Relevant identified uses of the substance or mixture and use advised against Application of the supplier of the substance or mixture: Printing material

1.3 Details of the supplier of the safety data sheet
Product Manufacturer/Supplier:
Colman & Company, Inc (a division of ColDesi, Inc)
Address: 4537 South Dale Mabry Blvd – Tampa, FL 33611
Phone number: 800-891-1094
E-mail: customerservice@colmanandcompany.com

1.4 Emergency information IN EMERGENCY, call CHEMTREC, in US or Canada, call 800-424-9300
Outside of US or Canada, call 703-527-3887

SECTION 2: Components / information on ingredients

2.1 Mixtures:
Description: Mixture of the substance listed below with nonhazardous additions.
For the wording of listed hazard statements refer to section 16.

Number	Composition	Content (%)	CAS NO
1	Polyester plastics	95.1%	/
2	Urea formaldehyde resin	1.8 %	9003-35-4
3	SiO2	0.4 %	15468-32-3
4	Polyvinyl alcohol	1.8%	9002-89-5
5	Polyethylene wax	0.9%	/

Remark:
Hazard Symbols: No
Risk phrases: None

SECTION 3: Hazards identification

Fatalness grade: None
Invasion route: Skin touch, Eyes touch, Inhalation, Ingestion
Health hazards: No hazard to health
Environment hazards: No hazard to health
Environment. Burn and burst danger: can burn

SECTION 4: First Aid measures

4.1 Body touch: Take off pollution of dress, with plenty of liquid water thoroughly flushed or use the detergent, wash. If you have burned, medical treatment.

4.2 Eyes touch: Immediately opened the upper eyelid, irrigate with flowing water for at least 15 minutes. Use eye drops or go to a doctor.

4.3 Breathe in: To inhale dangerous product steam will not. If inhaled, quickly leave the scene to fresh air place, keep respiratory tract unobstructed, if breathing difficulties increase oxygen, if respiratory arrest, artificial respiration immediately.

4.4 Eat: When patients awake to drink plenty of water, vomiting, go to doctor immediately.

SECTION 5: Firefighting measures

5.1 Dangerous characteristic: no corrosive. No special burning explosion properties.

5.2 Hazardous combustion products: natural decomposition product unknown.

5.3 Fire extinguishing methods: fog water and carbon dioxide fire extinguisher, dry powder, sand.

SECTION 6: Accidental release treatment

6.1 Leaking disposal: processing staff wear protective taking cleaning tools in the collection of leakage into the soluble device, unified to the disposal of waste treatment.

6.2 Protective measures: strongly confined, to provide adequate local exhaust. Emergency rescue or evacuation, suggested to wear self-contained breathing apparatus, chemical safety protective glasses, wear appropriate work clothes, wear resistant chemical glove. Job site no smoking, eating and drinking, after work, clean thoroughly. Clothes don't to the workplaces, separately store contaminated clothing, reoccupy after washing.

SECTION 7: Handling and storage

7.1 Operation note: airtight operation, strengthened and ventilated. Operators must receive special training, strictly abide by the operation procedures.

Suggest operators wear self-priming, filter type dust mask, wear chemical-safe protective glasses, wear general work overalls, wear rubber gloves. In the transportation, be careful in handling to prevent damage to packaging and container.

7.2 Storage precautions: store in a cool, ventilated warehouse, away from fire and heat source. Should be separated from other goods stored. Storage area should be equipped with the right material for leakage.

SECTION 8: Exposure control / personal protection

8.1 Engineering control: closed production system, production environment to strengthen ventilated.

8.2 Respiratory protection: dust concentration in air exceeds bid, must wear self-priming filter type dust mask. Emergency rescue or evacuation, air breathing apparatus should be worn.

8.3 Eye protection: wear chemical-safe goggles.

8.4 Body protection: wear overalls.

8.5 Hand protection: wear safely gloves.

8.6 Other protection: change and wash clothes in time. To maintain good health habits.

SECTION 9: Physical and chemical properties

9.1 Physical State: Pet film
9.2 Color: Half transparent white
9.3 Odor: No data
9.4 PH = 7
9.5 Viscosity：1.5-6 Dynamic
9.6 Vapor Pressure: N/A
9.7 Boiling Point : N/A
9.8 Freezing/ Melting Point : N/A
9.9 Auto-ignition Temperature : No
9.10 Flash Point: N/A
9.11 Explosion Limits, lower : N/A
9.12 Decomposition Temperature: N/A

9.13 Solubility in water : Soluble
9.14 Specific Gravity/Density: N/A
9.15 Molecular Formula: N/A
9.16 Molecular Weight： N/A

SECTION 10: Stability and reactivity

10.1 Stability: Stable

Harmful reaction: no harmful reaction was observed.
Polymerization of polymerization: product will not occur polymerization reactive.

SECTION 11: Toxicological information

This product is no toxicological research data available.
According to the components of similar products speculate that acute oral toxicity LD 50 (rat) > 2000 mg/kg.
Weak stimuli are expected for eyes, not stimulus for skin.

11.1 Acute toxicity

Acute oral toxicity: Half lethal dose (LD50) rat > 5000 mg/kg
Acute skin poisoning: half lethal dose (LD50) rabbit > 5000 mg/kg
Acute respiratory poisoning: countless according to the data

11.2 The specific content of limit

The following data represents the unknown toxic ingredients percentage.
Corrosion/stimulate skin: the rabbit can cause short-term stimulus.
Serious eye injury/eye stimulation: not stimulate rabbit eyes
Allergenic: countless according to the data
Carcinogenicity: countless according to the data
Germ cell respectively: countless according to the data
Teratogenicity: countless according to the data
Aimed at the target organ system toxicity (single exposure)
Inhalation: no data

11.3 Skin: long or repeated skin contact may lead to the following questions: Mild stimulation

11.4 Eyes: direct contact with the material may cause the following problems: Mild stimulation Aimed at the target organ system toxicity (multiple exposure): countless according to the data Inhalation hazard: countless according to the data.

SECTION 12: Ecological information

12.1 Soluble in water, easy to produce water pollution but the fish and water plant will not cause harm.
The acute toxicity of water body.
The acute toxicity of fish: countless according to the data.
The acute toxicity of aquatic invertebrates: countless according to the data.
The acute toxicity of Algae: countless according to the data
The bacteria toxicity: countless according to the data

12.2 The specific content of limit
The following data represents the unknown toxic ingredients percentage.
Chronic toxicity of water
The chronic toxicity of fish: countless according to the data
Chronic toxicity of aquatic invertebrates: countless according to the data
Soil habitat biological toxicity: countless according to the data
Terrestrial plants toxicity: countless according to the data
Other terrestrial non-lactating biological toxicity: countless according to the data

12.3 Persistence and degradability
Biodegradability: countless according to the data
Physical - chemical can re move sex: countless according to the data

12.4 The potential biological cumulative
Biological enrichment or cumulative: countless according to the data

12.5 Mobility in the soil
Octanol/ water partition coefficient of numerical: countless according to the data
In various environ mental segmentation in space distribution: countless according to the data
Outcome and behavior in the environment: countless according to the data

SECTION 13: Disposal considerations

13.1 Waste properties: have certain influence to the environment
13.2 Waste disposal method: gradually add ferrous chloride and lime and condensation emulsions. Clear supernatant liquid, pour into chemical sewage pool. If to deal with, should be in accordance with state, local or provincial regulations burn or bury in the licensed facilities.
13.3 Abandoned notice: as far as possible will empty container (for example by dumping, scratches or drained until the "drain"), according to the existing chemical industry's recovery plan sent to the appropriate collection point. Containers should be in accordance with the relevant national laws and environmental laws and regulations for recycling.

SECTION 14: Transport information

14.1 Packaging categories: General packaging

14.2 Packing method: General packaging

14.3 Shipping notice: packing should be full of actual product, loading should be stable. Transportation process to ensure that the container does not leak, collapse, fall, and not damaged. It is strictly prohibited during shipping to be mixed with food chemicals in transportation. Transit should prevent insolation, drench. Banning the use of easy to produce the spark of loading and unloading machinery and tools.

14.4 Transport rules: Not restricted in IATA / DGR

SECTION 15: Regulatory information

Regulatory information: applicable laws: not the dangerous chemicals, conform to the environment protections.

SECTION 16: Other information

The safety specifications provide information only as a safe operation, use, processing, storage, transportation, and disposal of guidance, and cannot be considered a guarantee or quality indicators, this information applies only to the specified product, for this product with other material mixing and combination is not applicable to any process, unless specified indicate.