

REVISION 4 – 14.06.2022

MATERIAL SAFETY DATA SHEET

1. Material name and manufacturer information

1.1 Product identifier

Product NAME DTF POWDER / COLLA PER DTF

Country of origin : EU

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use: Printing aid

Uses advised against:

All uses not listed in the recommended one

1.3 Details of the supplier (distributor's company) of the safety data sheet

DPI DG PRINITNG SRL

Via E. Salgari 14/e – 31056

Biancade di Roncade (TV)

ITALIA

For further information, please contact

Contact person

Phone +39042279818

E-mail address

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1.4 Emergency telephone number

Phone +39042279818

SECTION 2: Hazards identification

2.1. Substance or mixture classification

EC regulation criteria 1272/2008 (CLP):

The product is not considered dangerous according to EC Regulation 1272/2008 (CLP).

Physico-chemical effects harmful to human health and the environment:

No other danger

2.2. Label elements

Hazard pictograms: None

Hazard statements: None

Precautionary statements: None

Special Provisions: None

Special provisions according to Annex XVII of REACH and subsequent amendments: None

2.3. Other dangers

VPvB Substances: None - PBT Substances: None

Other dangers: None

SECTION 3: Composition / information on ingredients

3.1. Substances

Identification of the substance:

None.

3.2. Blends

N.D.

SECTION 4: first aid measures

4.1. Description of first aid measures

Skin contact:

Wash thoroughly with soap and water.

Eye contact:

In case of contact with eyes, wash immediately and abundantly with water e consult a doctor.

Ingestion:

Do not under any circumstances induce vomiting.

SEEK MEDICAL EXAMINATION IMMEDIATELY.

Inhalation:

Take the injured person to fresh air and keep him warm and at rest.

4.2. Most important symptoms and effects, both acute and delayed

Nobody

4.3. Indication of any immediate medical attention and special treatment needed

Treatment: None

SECTION 5: Firefighting measures

5.1. Fire fighting

Recommended fire extinguishers:

Water, CO₂, Foam, Chemical powders depending on the materials involved in the fire. Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:

Water on live equipment and fires of flammable liquids (solvents, oils, gasoline)

5.2. Special hazards arising from the substance or mixture

Do not inhale the gases produced by the explosion and combustion. Burning produces heavy smoke.

5.3. Recommendations for firefighters

Use suitable respiratory equipment.

Collect the contaminated water used to extinguish the fire separately.

Do not discharge it into the sewer system.

If feasible from a safety point of view, move the containers from the area of immediate danger not damaged

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment. Move people to a safe place.

Consult the protective measures set out in points 7 and 8.

6.2. Environmental precautions

Prevent penetration into the soil / subsoil. Prevent runoff into surface water or in the sewer system.

Retain contaminated washing water and eliminate it.

In the event of a gas leak or entry into waterways, soil or the sewer system, inform the responsible authorities.

Material suitable for collection: absorbent, organic material, sand

6.3. Methods and materials for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

See also paragraphs 8 and 13

SECTION 7: handling and storage

7.1. Precautions for Safe Handling

Avoid contact with skin and eyes, inhalation of vapors and mists.

See also paragraph 8 for recommended protective devices. General recommendations on occupational hygiene:

At work do not eat or drink.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed. Incompatible materials:

None in particular.

Indication for the premises:

Adequately ventilated rooms.

7.3. Specific end uses

No particular use

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

There are no occupational exposure limits available

DNEL Exposure Limit Values N.A.

PNEC Exposure Limit Values

N.D.

8.2. Exposure controls

Eye protection:

Dust protection glasses.

Skin protection:

Protective clothing with resistance to the penetration of liquid chemical agents (EN 14605) and with electrostatic properties (EN 1149)

Hand protection:

Chemical protective gloves EN 374

Respiratory protection:

Filtering half mask (DIN EN 149).

Thermal risks:

Nobody

Environmental exposure controls: None

Appropriate engineering controls: None

SECTION 9: physical and chemical properties

9.1. Information on basic physical and chemical properties

Property	Value	Method:	Notes:
Appearance and color:	powder, white	-	-
Odor:	N.D.	-	-
Odor threshold:	N.D.	-	-
pH:	N.D.	-	-
Fusion point/ freezing:	120 - 130 ° C	-	-
Initial boiling point and boiling range:	N.D.	-	-
Flash point:	N.D.	-	-
Evaporation rate:	N.D.	-	-
Solid / gas flammability:	N.D.	-	-
Upper / lower flammability or explosion limit:	N.D.	-	-
Vapor pressure:	N.D.	-	-
Vapor density:	N.D.	-	-
Relative density:	1 g / cm ³ 20 ° C	-	-
Water solubility:	N.D.	-	-
Solubility in oil:	N.D.	-	-
Partition coefficient (n-octanol / water):	N.D.	-	-
Auto-ignition temperature:>	350 ° C	-	-
Decomposition temperature:	N.D.	-	-
Viscosity:	N.D.	-	-
Explosive properties:	N.D.	-	-
Oxidizing properties:	N.D.	-	-

9.2. Other information

Miscibility:	N.D.	-	-
Fat solubility:	N.D.	-	-
Conductivity:	N.D.	-	-
Characteristic properties of groups of substances	N.D.	-	-

SECTION 10: stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

Nobody

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

None in particular.

10.6. Hazardous decomposition products

Nobody.

SECTION 11: toxicological information

11.1. Information on toxicological effects

Toxicological information of the substance: THERMOPLASTIC POWDER EL

a) acute toxicity : Not classified

Based on available data, the classification criteria are not met.

b) skin corrosion / irritation : Not classified

Based on available data, the classification criteria are not met.

c) serious eye damage / eye irritation : Not classified

Based on available data, the classification criteria are not met.

d) respiratory or skin sensitization : Not classified

Based on available data, the classification criteria are not met.

e) germ cell mutagenicity : Not classified

Based on available data, the classification criteria are not met.

f) carcinogenicity : Not classified

Based on available data, the classification criteria are not met.

g) reproductive toxicity : Not classified

Based on available data, the classification criteria are not met.

h) specific target organ toxicity (STOT) - single exposure : Not classified

Based on available data, the classification criteria are not met.

i) specific target organ toxicity (STOT) - repeated exposure : Not classified

Based on available data, the classification criteria are not met.

j) danger in case of aspiration : Not classified

Based on available data, the classification criteria are not met.

SECTION 12: ecological information

12.1. Toxicity

Use according to good working practices, avoiding to disperse the product in the environment.

THERMOPLASTIC POWDER EL

Not classified for environmental hazards

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

N.D.

12.3. Bioaccumulation potential

N.D.

12.4. Mobility in soil

N.D.

12.5. Results of PBT and vPvB assessment

VPvB Substances: None - PBT Substances: None

12.6. Other adverse effects

Nobody

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover if possible. Operate according to local and national regulations.

SECTION 14: Transport information

14.1. UN number

Not classified as dangerous in the meaning of transport regulations

14.2. UN proper shipping name N.A.

14.3. Transport hazard classes

N.D.

14.4. Packing group

N.D.

14.5. Dangers for the environment

ADR-Environmental pollutant: No

IMDG-Marine pollutant: No

14.6. Special precautions for users

N.D.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code No.

SECTION 15: Regulatory information

15.1. Health, safety and environmental legislation and regulations specific to the substance or mixture

Legislative Decree 9/4/2008 n. 81

D.M. Work 02/26/2004 (Occupational exposure limits) Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) no. 758/2013

Regulation (EU) 2015/830

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) no. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) no. 944/2013 (ATP 5 CLP)

Regulation (EU) no. 605/2014 (ATP 6 CLP) Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Regulation (EU) n. 2016/918 (ATP 8 CLP)

Regulation (EU) n. 2016/1179 (ATP 9 CLP)

Regulation (EU) n. 2017/776 (ATP 10 CLP)

Regulation (EU) n. 2018/669 (ATP 11 CLP)

Regulation (EU) n. 2018/1480 (ATP 13 CLP)

Regulation (EU) n. 2019/521 (ATP 12 CLP)

Restrictions related to the product or the substances contained according to Annex XVII of the Regulation (EC) 1907/2006 (REACH) and subsequent amendments: Restrictions relating to the product:

No restrictions.

Restrictions related to the substances contained: No restrictions.

Ready to use

Volatile Organic Compounds - VOC = 0.00% Volatile Organic Compounds - VOC = 0.00 g / Kg

Volatile Organic Compounds - VOC = 0.00 g / l

Volatile CMR substances = 0.00%

Volatile halogenated substances with R40 = 0.00% Organic carbon - C = 0.00

Where applicable, refer to the following regulations: Ministerial Circulars 46 and 61 (Aromatic amines). Directive 2012/18 / EU (Seveso III)

Regulation 648/2004 / EC (Detergents).

D.L. 3/4/2006 n. 152 Environmental regulations

Dir. 2004/42 / EC (VOC Directive)

WGK classification (Water hazard class - Verwaltungsvorschrift wassergefährdende Fabrics)

Provisions relating to directive EU 2012/18 (Seveso III): Seveso III category according to Annex 1, part 1

Nobody

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out for the substance

SECTION 16: other information

Paragraphs modified from previous revision: SECTION 15: Regulatory information

This document has been written by an SDS technician who has received adequate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Center, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

CCNL - Annex 1

National Institute of Health - National Inventory of Chemical Substances

The information contained herein is based on our knowledge as of the above date. They refer only to the product indicated and do not constitute a guarantee of particular quality.

The user is required to ensure the suitability and completeness of such information in relation to the specific use that must be made of it.

This sheet supersedes any previous edition.

ADR: European agreement concerning the international transport of dangerous goods by road.

CAS: Chemical Abstract Service (division of American Chemical Society).

CLP: Classification, Labeling, Packaging. DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Chemical Substances on the Market.
GefStoffVO: Ordinance on Hazardous Substances, Germany.
GHS: General Harmonized System of Classification and Labeling of Chemicals.
IATA: International Air Transport Association.
IATA-DGR: Dangerous goods regulation of the "International Air Transport Association" (IATA).
ICAO: International Civil Aviation Organization.
ICAO-TI: Technical Instructions of the "International Civil Aviation Organization" (ICAO).
IMDG: International Maritime Code for Dangerous Goods.
INCI: International Nomenclature of Cosmetic Ingredients.
KSt: Explosion coefficient.
LC50: Lethal concentration for 50 percent of the population tested.
LD50: Lethal dose for 50 percent of the population tested.
PNEC: Predicted No Effect Concentration.
RID: Regulation concerning the international transport of dangerous goods by rail.
STA: Estimation of acute toxicity
STAmix: Acute Toxicity Estimate (Mixtures) STEL: Short Term Exposure Limit.
STOT: Specific organ target toxicity.
TLV: Threshold Limit Value.
TWA: Time weighted average
WGK: German water hazard class.