

1) IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier:

Product name: FAB Polyamide 12

Product Material: Polyamide (PA)

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

FAB Polyamide 12 is used to produce long term Crown / Bridge /Splints.

1.3. Details of the Supplier of the safety data sheet

Manufacturer/Supplier:

Name: On Dent Tıbbi Malz. Diş Pro. İht. İhr. San. ve Tic. Ltd. Şti.

Address: Karacaoglan Mah. 6166 Sokak No:32/1J TR-35070 Izmir / TURKEY

Phone: +90 232 253 25 77

E-mail: info@on-dent.com

1.4. Emergency telephone number: +90 232 253 25 77 (Weekdays; 08.30-18.30)

2) HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP)

Unclassified.

2.1.2 Additional information

For full text of Hazard and EU Hazard-statements: see SECTION 16.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]:

Hazard pictograms:

Pictogram is not required.

Signal word: Unclassified.

2.3. Other hazards

This product does not contain any PBT and vPvB substances.

3) COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

3.2. Mixtures

It does not contain raw materials classified according to Regulation (EC) No 1272/2008 (CLP). The full text of all hazard statements are displayed in section 16.

4) FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation:

If the person has difficulty to breathe, remove person to fresh air and at a rest in a position comfortable for breathing. If the problem persists, consult a doctor.

Ingestion:

DO NOT induce vomiting. Immediately call a doctor.

Skin contact:

Wash your skin with water and soap.

Eye contact:

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

Continue to rinse. Get medical attention if irritation persists.

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

Inhalation: There were no signs that create a danger.

Ingestion: Nausea or vomiting.

Skin contact: There were no signs that create a danger.

Eye contact: There were no signs that create a danger.

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

Treat symptomatically.

5) FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:

Use foam, carbon dioxide or powder fire extinguisher case.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: Fire causes formation of toxic gases. Carbon dioxide (CO₂), carbon monoxide (CO), nitric oxide (NO_x).

5.3. Advice for firefighters

Special firefighting methods:

If there is not a risk, remove the product from the fire area. Quench with an appropriate fire extinguisher.

Special protective equipment for firefighters:

Face protection, protective gloves and helmet. Wear self-contained breathing apparatus and appropriate protective clothing.

6) ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of the Safety Data Sheet. Avoid breathing gas and avoid contact with eyes and skin.

6.2. Environmental precautions

Not applicable

6.3. Methods and material for containment and cleaning up

Spillages: Clean with the help of a shovel and a broom.

6.4. References to other sections

See **Section 8** for personal protection.

See **Section 11** for additional information on health hazards.

See **Section 13** for waste disposal.

7) HANDLING AND STORAGE

7.1. Precautions for safe handling

Read the instructions before use and follow the manufacturer's recommendations. Avoid contact with eyes. After handling wash hands thoroughly with soap and water.

7.2. Conditions for safe storage, including any incompatibilities

Keep at cool, dry, well-ventilated area. Keep away from food, drink and feed. Protect from direct sunlight.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

8) EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

There are no registered exposure limits for the components.

8.2. Exposure controls

8.2.1. Appropriate engineering controls: Provide adequate ventilation. Observe Occupational Exposure Limits and do not inhale the smoke. Provide eyewash station.

8.2.2. Individual protection measures, such as personal protective equipment:

Respiratory protection: There is no need of special equipment.

Hand protection: There is no need of special equipment.

Skin Protection: There is no need of special equipment.

Eye protection: There is no need of special equipment.

Hygiene measures: Remove the contaminated clothing. Use appropriate skin cream to prevent drying of the skin. Do not eat, drink or smoke while using the product.

9) PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance: Solid

Odor: Odorless

Color: Colored

9.2. Other information

Density (@30°C): 1.0-1.2 g/ml

pH (@25°C): Not applicable

Flash point: Not applicable

Viscosity: Not applicable

Solubility: No information

Softening Temperature: >100 °C

10) STABILITY AND REACTIVITY

10.1. Reactivity

No information.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use. Stable at prescribed storage conditions.

10.3. Possibility of hazardous reactions

No information.

10.4. Conditions to avoid

Do not expose to high temperatures or direct sunlight.

10.5. Incompatible materials

No information.

10.6. Hazardous decomposition products

In case of fire; carbon dioxide (CO₂) or carbon monoxide (CO), nitric oxide (NO_x).

11) TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects****Acute toxicity:**

Inhalation: There were no signs that create a danger.

Ingestion: It may cause discomfort if swallowed. It can cause internal injuries.

Skin contact: There were no signs that create a danger.

Eye contact: There were no signs that create a danger.

12) ECOLOGICAL INFORMATION**12.1. Toxicity**

It does not contain substances classified as hazardous to the environment.

12.1.1 Acute (short-term) toxicity: No information

12.2. Persistence and degradability: No information

12.3. Bioaccumulative potential: No information

12.4. Mobility in soil: No information

12.5. Results of PBT and vPvB assessment: No information

12.6. Other adverse effects: No information

13) DISPOSAL CONSIDERATIONS**General information:**

The security precautions that are valid for use of the product should be considered while holding of the waste.

13.1. Waste treatment methods:

Dispose of waste in accordance with local regulations and debris.

14) TRANSPORT INFORMATION**14.1. UN Number (ADR/RID/ADN – IMDG – ICAO)**

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class (es) (ADR/RID/ADN – IMDG – ICAO)

Not applicable

Transport Regulation:

Not applicable.

14.4. Packing group (ADR/RID/ADN – IMDG – ICAO)

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance / Marine Pollutant: Not applicable.

14.6. Special precautions for user

No information

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code"

No information

15) REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Turkish Regulations:**

- ✓ Regulation on Classification, Labelling and Packaging of Dangerous Substance [O.J. 11.12.202013 – 28848 (Repeated)]
- ✓ Regulation on the Safety Data Sheets Relating to Hazardous Substances and Mixtures [O.J. 13.12.2014 – 29204]
- ✓ Regulation on the Carriage of Dangerous Goods by Road [O.J. 24.10.2013 – 28801]

EU regulations:

- ✓ Regulation (EC) No 1272/2008 of The European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging (CLP) of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
- ✓ Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)
- ✓ European Agreement Concerning the International carriage of Dangerous Goods by Road (ADR)
- ✓ <http://echa.europa.eu/information-on-chemicals>

15.2 Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

16) OTHER INFORMATION**Resources:**

This SDS is prepared according to both the specific legislations on Chapter 15 and the information provided by raw material suppliers.

Revision Comments:

All sections of this Safety Data Sheet has been revised due to the changing of the legislations.

Date of update:

20.09.2023

Prepared by:

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Legal warning:

This information relates to a specific product and is not available for use in combination with any process or with any other material. Do not use on other application (s) without consulting the manufacturer. Information about the product in this Safety Data Sheet has been compiled from knowledge of the individual components. The data given here is based on current knowledge and experience. This Safety Data Sheet analyzes the product in terms of safety requirements and does not give any guarantee of the properties for the product. Usage of the information remains under the sole responsibility of the user.