According to OSHA Hazard Communication Standard 29CFR 1910.1200.

MATERIAL NAME	EPLAMID 66 GFS 35 HS NC Q1D501	RELEASE DATE	28.08.2023
		REVISION No/DATE	0 / 28.08.2023

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade Name EPLAMID 66 GFS 35 HS NC Q1D501

Material Information Polyamide 66 Glass Fiber Reinforced

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

Identified uses Plastic Material

1.3 Details of the supplier of the safety data sheet

Manufacturer Epsan Plastik San. ve Tic. A.Ş.

Address Demirtaş Organize Sanayi Bölgesi A.O.S. Cd. No :16 / 16369 Bursa - TURKEY

Telephone +90 224 261 20 20

Fax +90 224 261 27 18

Web www.epsan.com.tr

E-mail cra@epsan.com.tr

1.4 Emergency telephone number

Epsan: +90 224 261 20 20

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Product Definition Mixture

Classification was defined according to OSHA Hazard Communication Standard (29 CFR 1910.1200)

This product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200)

2.2 Label elements

According to OSHA Hazard Communication Standard (29 CFR 1910.1200) labelling is not required.

Signal word Not available.

Hazard statement There is no known significant effect.

Precautionary statement Not applicable.

2.3 Other hazards

Persistent bioaccumulative and toxic (PBT) or very persistent very bioaccumulated (vPvB) evaluation is not availabe as chemical safety assessment is not required.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

3.2 Mixtures

CAS NO	CHEMICAL NAME	HAZARDS IDENTIFICATION
32131-17-2	Polyamide 66	Is not clasified as hazardous
65997-17-3	Glass Fiber	Is not clasified as hazardous

This product does not contain any additives or foreign substances required for product labeling and hazard classification according to OSHA Hazard Communication Standard 29CFR 1910.1200., or includes quantities permitted in regulations.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

General;

Instantaneous penetration of granulated plastic into human organism is impossible.
The product is stable at normal conditions, not volatile.
Pre-intervention warning; contact with hot melt product may cause severe burns.
Inhalation of dust or powdered material, irritation may occur in the respiratory tract and eye irritation may occur.
Appropriate medical intervention should be done urgently if hot material contact with eye or skin.

Inhalation;

No hazard in normal use of product. Move any exposed person to fresh air at once.
Keep warm and at rest. If there is respiratory distress give oxygen.
If respiration stops or shows signs of failing, apply artificial respiration. Get medical attention.
In case the molten substance vapours penetrate the respiratory airways, do the following; Immediately move an exposed person to fresh air at once.
Keep warm and at rest. If there is respiratory distress give oxygen.
If respiration stops or shows signs of failing, apply artificial respiration. Get medical attention.

Skin contact;

If molten material comes in contact with the skin, do not apply ice but cool under ice water or running stream of water.
DO NOT attempt to remove the material from skin.Removal could result in severe tissue damage. Seek medical attention immediately.

Eye contact;

Rinse the eye immediately with plenty of water (low pressure) for at least 15 minutes.
Remove contact lenses. Get medical attention.

Ingestion;

If swallowed, seek medical attention.
Do not induce vomiting unless directed to do so by medical personnel.

4.2 Most important symptoms and effects, both acute and delayed

There is no experience in humans that leads to acute or chronic damage.

4.3 Indication of any immediate medical attention and special treatment needed

No special treatment is required.

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Water fog or fine spray, Dry chemical fire extinguishers, Carbon dioxide fire extinguishers, Foam. Use only fine spray or water fog for extinguishing plastic dust.
Unsuitable extinguishing media: Do not use water jets. Direct water jets on the burning product could cause a steam explosion and spread of the fire. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.

5.2 Special hazards arising from the substance or mixture

May be combustible at high temperature.
Combustion products: Carbon oxides (CO and CO2) and soot.
Combustion products may include thermo-oxidative degradation products: carbon oxides, formaldehyde, acetaltehyde, organic acids (acetic acid) and etc. Combustion products may be toxic and/or irritating.

5.3 Advice for firefighters

Soak thoroughly with water to cool and prevent re-ignition. If material is molten, do not apply direct water stream. Use fine water spray or foam. Cool surroundings with water to localize fire zone.
Hand held dry chemical or carbon dioxide extinguishers may be used for small fires.
Special protective equipments for firefighters: Wear a self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Take precautionary measures against static discharges.
Ensure adequate ventilation.
Avoid dust generation. Avoid inhalation of dusts.
Spilled material may cause a slipping hazard.
In case of insufficient ventilation, wear suitable respiratory equipment.

6.2 Environmental precautions

Do not allow penetration of the product into water reservoirs, surface and ground water, sewer ducts and soil.
Provide sealing of process equipment.
Spillages or uncontrolled discharges into watercourses must be alerted to the Environment Agency or other appropriate regulatory body.
Scattering of and its waste should be timely collected and disposed in specially designated areas.
Plastic wastes are non-toxic and are not to be neutralized.

6.3 Methods and material for containment and cleaning up

Collect in suitable and properly labelled containers.
Minimize generation of dust during clean-up.
Transfer to a container for disposal or recovery.
Provide ventilation.

6.4 Reference to other sections

See section 8 for Personal Protective Equipment.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.
Avoid all sources of ignition.
Take precautionary measures against static discharges. Provide thorough sealing and grounding of process equipment. Due to electrostatic properties of the material, grounding of silos and grounding of pneumatic transport equipment are obligatory.
Dust can be ignited by static discharge.
Pneumatic conveying and other mechanical handling operations can generate combustible dust.
Do not swallow. Avoid contact with eyes. Avoid prolonged or repeated contact with skin.
Workers should be protected from the possibility of contact with molten product.
Warning: Spilled granules will cause slipping and fall.
Do not eat, drink or smoke at the work place.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with good manufacturing practices.
Keep away from heat, sparks and flame. Protect from direct sunlight.
Store in a dry, well-ventilated area.

7.3 Specific end use(s)

Unknown.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures.

8.2 Exposure controls

Respiratory protection	Adequate ventilation at workplace is required.
Eye/face protection	Wear goggles giving complete protection to eyes (BS EN 166).
Skin Protection (Hand and Body)	Wear approved protective gloves (Nitrile rubber BS EN 374) If contact with hot product is anticipated, gloves should be heat-resistant and thermally insulated. Wear insulating gloves BS EN407 (heat). Wear apron or other protective clothing and antistatic boots.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Form	Granules	
Colour	All colors	
Odour	Odourless	
15°C Water Solubillity	Non soluble	
Melting Temperature	260	°C
Density at 23 °C	1,14 - 1,7	gr/cm³
Flame Retardency	> 300	°C

9.2 Other information

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SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal handling and storage conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Strong oxidant.

10.4 Conditions to avoid

There is no specific data.

10.5 Incompatible materials

There is no specific data.

10.6 Hazardous decomposition products

CO, HCN, NH3

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

The product is not toxic, is inert and has no adverse affect on human health.

Skin corrosion/irritation
Not classified.
Skin contact with melted/heated product may cause serious thermal burns.

Serious eye damage/irritation
Not classified.
Solid or dust may cause irritation or corneal injury due to mechanical action.

Respiratory sensitisation
Not classified.
Dust and/or thermal decomposition products inhalation may cause irritation of respiratory system.

11.2 Information on other hazards

No data available

SECTION 12. ECOLOGICAL INFORMATION

At normal conditions plastic is a very stable product.
Product does not form toxic compounds with other substances in air and water.
The product is poorly biodegradable but does not pose a hazard to the environment.
The product is virtually insoluble in water and can thus be seperated from water.

12.1 Toxicity

Not available.

12.2 Persistence and degradability

Not available.

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

Not available.

12.5 Results of PBT and vPvB assessment

Persistent bioaccumulative and toxic (PBT) or very persistent very bioaccumulated (vPvB) evaluation is not availabe as chemical safety assessment is not required.

12.6 Endocrine distrupting properties

No data available

12.7 Other adverse effects

There is no known significant effect and critical hazards.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste disposal according to the general rules of municipality. Product is suitable for recycled process.

SECTION 14. TRANSPORT INFORMATION

Not classified as a dangerous good under transportation regulations (DOT/IMO/IATA).

14.1 UN number -

14.2 UN proper shipping name -

14.3 Transport hazard class(es) -

14.4 Packing group -

14.5 Environmental hazards -

14.6 Special precautions for user -

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable for product as supplied.

SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

TSCA Status: All components are in compliance with TSCA Inventory requirements for commercial purposes.

State Regulations (U.S.): No substances on the state hazardous substances list, for the states indicated below,

are used in the manufacture of product on this Material Safety Data Sheet.

WARNING: SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM

: NONE KNOWN

15.2 Chemical safety assessment -

Product is not classified as hazardous.

SECTION 16. OTHER INFORMATION

This safety data sheet informations includes our current knowledges and experiences at the publication date of the form, without any warranty. Informations in the content is given for guidance only and should not be perceived as a quality specification of the product only in creating design features. It is recommended that to our customers, test the product at their own process conditions for intended application and usage suitability. Users of the product are responsible for keeping up with current laws and local regulations.