

## SAFETY DATA SHEET

"Regulation on Safety Data Sheets on Hazardous Substances and Mixtures" and EC 1907/2006 (REACH) issued by the Ministry of Environment and Urbanization No. 29204 of 13 December 2014.

### 1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY / OWNER

#### 1.1. Identification of the substance / mixture

Product's Trade Name : Krux Natural Peek Filmanet - 3d Printing  
Product code :

#### Not recommended Use

#### Safety information form supplier information

#### Suppliers

Krux End. Teknoloji Güvenlik Sistemleri San. Tic. Ltd. Şti.  
Kozyatağı Mah. Gülbahar Sok. Sayı : 17 PS Plaza D : 62  
Kadıköy-İstanbul-Türkiye  
+902167065789  
info@krux.com.tr

#### 1.4. Emergency telephone number

National Poison Information Center (ERA): 114 Emergency Medical Services: 112 Police: 155 Gendarmerie: 156

### 2 DANGEROUS DESCRIPTION

#### 2.1 Classification of substance and mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### 2.2. Label elements

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 3 COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.1. Materials

#### 3.2. Mixture

Substance /Nature Mixture

Chemical Nature Polyetherether ketone

Information on ingredients

CHEMICAL AND COMPOUND	CONTENTS	CAS	EC	CLASSIFICATION
Polyetherether ketone	95-100	29658-26-2	N/A	N/A
Stabilizer,others	0-5	N/A	N/A	N/A

Full Text For All (H) Clauses.

**About the sequence:**The data were last T.C and A.B. In accordance with the regulations.

### 4 FIRST AID MEASURES

**Inhalation** In case of symptoms of irritation caused by vapor in thermal processing : provide fresh air, seek medical advice if necessary. Following inhalation of product dust : See that there is fresh air.

**Skin contact** Cool melted product on skin with plenty of water. Do not remove solidified product. In case of burns by molten product medical treatment is necessary.

**Eye contact** Rinse with plenty of water. No specific treatment is offered. Treat according to symptoms.

### 5 FIRE PRECAUTIONS

**Suitable extinguishing media** : Water splay, form, CO2, dry powder

**Special hazards arising from the substance or mixture** In the case of fire, the following hazardous smoke fumes may be produced : carbon monoxide, carbon dioxide. Under certain fire conditions, trace of other toxic product may occur.

**Special protective equipment** for fire-fighters have ready/wear respiratory protection equipment..

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### 6 ACCIDENT PREVENTION MEASURES

#### 6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as shown in section 8 of this safety data sheet. Avoid contact with skin and eyes. Provide good ventilation.

#### 6.2. Environmental Precautions

Do not pour into sewer, earth or waterways.

#### 6.3. Methods and materials for preservation and cleaning

Install the necessary protective device. Ventilate. To put it in cups and securely close it. Place the wicket securely / securely.

#### 6.4. References to other sections

See Section 8 for personal protection. See Section 11 for additional information on damage to health. See Section 13 for the disposal of waste.

### 7 HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

Read the manufacturer's recommendations and follow them. Avoid contact with skin and eyes. Do not eat, drink or smoke during use. Consider the necessary chemical hygiene measures.

#### 7.2. Conditions for safe storage, including disputes

Keep away from food, beverages and animal feed. Protect from physical damage and / or rubbing. Store in a cool, well ventilated place. Store in a cool place. Do not store near heat producing places, do not expose to high temperature. Keep away from strong shocks.

#### 7.3. Specific end-uses

The defined uses of this product are detailed in Section 1.2.

### 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

#### 8.1. Control parameters

Not applicable.

#### 8.2. Exposure controls

##### Personal Protective Equipment:

##### Process Conditions:

Appropriate engineering controls : Provide good ventilation in work area.

Hand protection : No protective equipment is normally required.

Eye protection : No protective equipment is normally required.

Respiratory protection : Protective equipment is not normally required.

Environmental exposure controls : Avoid release to the environment.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

Appearance Form Granular

Color Natural colored

Order Odorless

Information on basic physical and chemical properties

pH Not applicable

Melting point/range 340-350°C

Boiling point/range Not applicable

Flash point Not applicable

Ignition temperature 575°C

Thermal decomposition >450°C

Explosiveness IF dust develop, explosive dust/air mixture may form.

Vapor pressure Not applicable

Density 1.3-1.5g/cm<sup>3</sup>

Water solubility Insoluble

Further information Other information The range of values given complies with the variation range of the product group. The specific physical chemical data can be available in the product information.

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### 9.2 Other informations

No information.

## 10 STABILITY AND REACTIVITY

**10.1. Stability** Stable under normal conditions.

**Conditions to avoid** Keep away from heat and sources of ignition. Take precautionary measures against static discharges.

**Incompatible materials** oxidizing agents, sulphuric acid

**Hazardous decomposition product** Decomposition products in combustion and thermal decomposition carbon dioxide (CO<sub>2</sub>), Carbon monoxide, toxic gases/vapours

## 11 TOXICOLOGY INFORMATION

### 11.1 Toxicology Information

Skin irritation/corrosiveness

It does not cause serious skin burns.

Serious eye damage/irritation

Does not cause eye damage.

Skin and respiratory sensitization

Does not meet the classification criteria.

STOT- Single exposure

Does not meet the classification criteria.

STOT- Repeated exposure

Does not meet the classification criteria.

Reproductive toxicity

Does not meet the classification criteria.

Carcinogenic / Mutagenic / Toxic for reproduction

Does not meet the classification criteria.

Aspiration damage

Does not meet the classification criteria.

Breathing

May be harmful to health if inhaled. May damage the nose, throat, lungs and bronchial system.

Swallowing

It is not harmful to health if swallowed. It does not cause chemical burns in the mouth, esophagus and stomach.

## 12 ECOLOGICAL INFORMATION

### 12.1. toxicity

The substances in the product are not classified as dangerous for the environment. However, it is not possible to ignore the possibility that large quantities or frequent spills can damage the environment.

### 12.2. Persistence and degradability

There is no information on the biodegradability of the product.

### 12.3. Potential for bioaccumulation

There is no data on biological accumulation.

### 12.4. Mobility in Soil

Completely soluble in water

### 12.5. Results of PBT and vPvB evaluation

It does not contain any components that are evaluated as PBT and vPvB.

### 12.6. Other adverse effects

Aquatic life can be dangerous.

## 13 DISPOSAL INFORMATION

### General information

Waste should be treated as control waste. As indicated by the local waste disposal authorities, licensed wastes are disposed of in accordance with the provisions of regulation 87/12028.

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### 13.1. Waste treatment methods

Dispose of garbage and waste in accordance with local regulations.

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### 14 TRANSPORT INFORMATION

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The product is not restricted as dangerous product in accordance with ADR, RID, IMDG and IATA Transport Regulations. There is no harm in transporting.

#### LABEL FOR TRANSPORT:

##### 14.1. UN Number

GGVS, GGVE, ADR, RID

##### 14.2. Proper UN transport name

Proper Shipping name

##### 14.3. Transport hazard class (es)

ADR / RID / ADN

ADR Label NO.

IMDG

ICAO

Transport Labels

##### 14.4. Packing group

Not applicable.

##### 14.5. Environmental damage

No.

##### 14.6. Special precautions for the user

Not applicable.

##### 14.7. Public transport according to MARPOL 73/78 annex II and IBC code

It does not fall into the category of dangerous goods according to the transport regulations.

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### 15 REGULATORY INFORMATION

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#### Labeling (27092 T.C.)

##### National Regulations

National Legislation Europe (EINECS/ELINCS) listed/registered

USA (TSCA) listed/registered

Japan (MLTI) listed/registered

Korea (KECI) listed/registered

Philippines (PICCS) listed/registered

China listed/registered

New Zealand listed/registered

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### 16 OTHER INFORMATIONS

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#### ADDITIONAL INFO

This GBF is valid for up to 3 years in terms of legislative requirements. After this date, the new version which has been updated according to the new classification and labeling provisions must be used.

#### DISCLAIMER

This information relates only to a specific material, and should not be used in combination with any other material or in combination with any other material. The information provided in this document is accurate and reliable as of the date indicated, at the highest level of knowledge and opinion of the company. It is the user's own responsibility to be convinced of its suitability.

This information is based on our current knowledge and is intended to define the health, safety and environmental requirements of the product. For this reason, this information should not be construed as an assurance of any property of the product

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**Handan KAVI**  
**Sertifika No:TÜV/11.25.04**  
**Kimyasal Değerlendirme**  
**Uzmanı**



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