

### 1. Information on the finished product

- **Product designation:**  
EJOT SDF-S plus 8UB (anchor sleeve)
- **Provider of information:**  
EJOT Baubefestigungen GmbH, In der Stockwiese 35, 57334 Bad Laasphe, Germany  
Tel.: +49/2752/908-0, Fax: +49/2752/908-731

### 2. Information on the raw material

- **Designation of the plastic:**  
Polyamide
- **Application:**  
Thermoplastic polymers for the manufacture of injection moulding products

### 3. Possible hazards

- None

### 4. First aid measures

- **In case of skin contact:** Burns from melted material must be treated clinically.

### 5. Measures for fire fighting

- **Suitable extinguishing agent:** Water, foam, dry extinguishing agent
- **Specific hazards:** At temperatures of > 300 °C the following may be released: Carbon monoxide, hydrogen cyanide. The production of fission products and oxidation products depends on the fire conditions. Under certain fire conditions, traces of other toxic substances cannot be ruled out.
- **Further information:** Dispose of residue from fire and contaminated extinguishing water as per the regulations of the respective authorities.

### 6. Measures in case of unintentional release

- **Procedure for cleaning or absorption:**  
For small quantities: Absorb and dispose of with a suitable device.  
For large quantities: Absorb and dispose of with a suitable device.
- **Additional instructions:** Specific risk of slipping as a result of expelled/spilled product.

### 7. Handling and storage

- **Handling:**
- **Fire safety and explosion protection:** Take measures to prevent electrostatic charges.

### 8. Explosion limitation and personal safety clothing and equipment

- **Personal safety clothing and equipment:**
- **General safety and hygiene measures:** None

### 9. Physical-chemical properties

<b>Shape:</b>	Granulate, solid
<b>Colour:</b>	Various, depending on colouration
<b>Smell:</b>	Odourless
<b>Melting temperature:</b>	Approx. 220 °C (DIN 53736)
<b>Ignition temperature:</b>	> 400 °C (ASTM D1929)
<b>Density:</b>	1.00 - 1.20 g/cm <sup>3</sup> /(20 °C)/(EN/ISO 1183-1)
<b>Bulk density:</b>	500 - 800 kg/m <sup>3</sup>
<b>Water solubility:</b>	Insoluble

### 10. Stability and reactivity

- **Conditions which must be avoided:** > 300°C
- **Hazardous decomposition products:** Carbon monoxide, hydrogen cyanide

### 11. Toxicology information

- **Additional instructions:**  
In our experience and according to the information available to use, if handled properly and used in accordance with the proper use, the product has no adverse effect on health.

### 12. Ecology information

- **Persistence and degradability:** Based on previous experience this product is inert and not degradable.
- **Bioaccumulation potential:** Due to the consistency and insolubility of the product with water, bioavailability is unlikely.
- **Additional instructions:**
- **Other information on distribution & retention:**  
Due to the consistency of the product, dispersion in the environment is not possible.  
Negative ecological effects are thus not to be expected based on current knowledge.

### 13. Instructions for disposal

- **Product:**
- **Recommendation:**  
For recycling requirements contact waste exchanges.  
For recycling requirements contact the manufacturer.  
Can be re-used after treatment.  
Taking into account the necessary technical regulations and after consultation with the disposing party and the respective authority, can be deposited with the domestic waste.  
Small quantities can be dumped together with the domestic waste.  
Can be re-used without treatment.
- **European Waste Catalogue (EAK, EWC, CED)**  
070213 Plastic waste (from MFSU of plastics)  
120105 Plastic chippings (from shaping + surface treatment)  
160119 Plastic (from used vehicles)  
200139 Plastics (separately collected fraction of municipal waste)  
Possibly also 191204, 170203, 020104  
The exact number must be determined.
- **Non-cleaned packaging:** See recommendation
- **Recommendation:**  
The packaging can be re-used after cleaning or utilised as a material.
- **Recommended cleaning agent:** Water, with cleaning agent additive as necessary.

### 14. Information on transportation

Not classed as hazardous material as per transport regulations (ADR RID ADNR IMDG/GGVSee ICAO/IATA)

### 15. Legal regulations

- **Regulations on safety, health and environmental protection/specific legal regulations for the substance or the mixture**  
Water pollutant class (Annex 1 of VwVwS (Germany)): Not water-polluting.
- **Substance safety assessment**  
Substance safety assessment not required  
Product is not classified as hazardous.  
A safety data sheet for this product is not required by law and is only issued by us as a courtesy for our customer.

### 1. Information on the finished product

- **Product designation:**  
EJOT SDF-S plus 8UB (screw)
- **Provider of information:**  
EJOT Baubefestigungen GmbH, In der Stockwiese 35, 57334 Bad Laasphe, Germany  
Tel.: +49/2752/908-0, Fax: +49/2752/908-731

### 2. Information on the raw material

- **Designation of the substance or preparation:**  
Product: Metal mechanical fasteners
- **General description of the components and the corresponding concentration:**  
Fasteners are manufactured from iron, non-ferrous metals and alloys thereof. The materials are subject to national/international standards and are not classified as hazardous substances as per the German hazardous substance ordinance (GefStoffVO)
- **Surface protection:**
  - **Surface protection generated by heat treatment**  
Only quenchant with for which there is a SDS are used. Refer to these SDS for details.
  - **Other anti-corrosion coatings**  
Corrosion protection coatings are applied in compliance with the legal regulation on prohibition of hazardous substances. The contained substances and their proportions are recorded in the international electronic material data system (IMDS). The respective SDS apply for the contained substances.

### 3. Possible hazards

- **Hazard designation:** N/A.
- **Special hazard information for human beings and the environment:** N/A.

### 4. First aid measures

- Not applicable

### 5. Measures for fire fighting

- Not applicable

### 6. Measures in case of unintentional release

- **Personnel-related precautionary measures:**  
Not required.  
For oiled or greased fasteners the SDS for the product used in each case is authoritative.
- **Environmental protection measures:**  
as above
- **Procedure for cleaning:**  
as above

### 7. Handling and storage

- **Handling:**  
Hand protection is recommended for oiled and greased fasteners
- **Storage:**  
Protect from moisture

## 8. Explosion limitation and personal safety clothing and equipment

- **Exposure limit values:** Not applicable
- **Limitation and monitoring of exposure in the work station:**  
The product does not contain any relevant quantities of substances with limit values which have to be monitored in relation to work stations
- **Respiratory protection:** N/A
- **Hand protection:** Hand protection recommended for oiled fasteners
- **Eye protection:** N/A
- **Body protection:** N/A
- **Limitation and monitoring of environmental exposure:** N/A

## 9. Physical and chemical properties

General information	
<b>Shape:</b>	Mostly cylindrical
<b>Colour:</b>	Metallic, shiny
<b>Smell:</b>	Mostly none, however oiled fasteners typically smell of mineral oil
Important information on health and safety and environmental protection	
<b>pH value of the substance:</b>	N/A
<b>Boiling point/boiling range</b>	Not applicable
<b>Flammability:</b>	N/A
<b>Risk of explosion:</b>	None
<b>Oxidising properties</b>	None
<b>Vapour pressure:</b>	N/A
<b>Relative density:</b>	N/A
<b>Solubility:</b> - Water solubility - Grease solubility	N/A
<b>Distribution coefficient:</b>	N/A
<b>Viscosity:</b>	N/A
<b>Vapour density:</b> <b>Evaporation speed</b>	N/A
<b>Other information:</b>	None

## 10. Stability and reactivity

- Not applicable
- **Hazardous decomposition products:** Not applicable

## 11. Toxicology information

To our knowledge, fasteners are toxicologically harmless.  
For oiled fasteners the SDS for the product used in each case is authoritative.

## 12. Ecology information

For oiled fasteners the SDS for the product used in each case is authoritative.

### 13. Instructions for disposal

- **Product:**
- **Recommendation:**  
Recycle
- **Non-cleaned packaging:**
- **Recommendation:**  
Disposal as per the regulations of the respective authorities

### 14. Information on transportation

Road transport ADR/RID and GGVS/GGVE (cross-border/domestic)

ADR/RID-GGVS class:

Seeschiffstransport IMDG/GGVSee

IMDG/GGVSee class:

Air freight ICAO-TI and IATA-DGR

ICAO/IATA class:

Not classed as hazardous material according to the above ordinances as per the ordinance on hazardous materials

### 15. Legal regulations

- **Regulations on safety, health and environmental protection/specific legal regulations for the substance or the mixture**  
Water pollutant class (Annex 1 of VwVwS (Germany)): Not water-polluting.
- **Substance safety assessment**  
Substance safety assessment not required  
Product is not classified as hazardous.  
A safety data sheet for this product is not required by law and is only issued by us as a courtesy for our customer.