

## HEALTH AND SAFETY DATA SHEET

According to DIN 52900

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EJOT Material Safety Data Sheet

Date / revised: 18/03/2004

version 1

Product: Mechanical Fasteners (Screws, Nuts, Rivets)

### 1. Substance preparation and company name

#### Product

Mechanical Fasteners (Screws, Nuts, Rivets)

#### Company

EJOT U.K. Ltd  
Hurricane Close  
Sherburn Enterprise Park  
Sherburn-in-Elmet  
Leeds  
LS25 6PB  
Tel: +44 (19 77) 68 70 40

### 2. Composition/information on ingredients

#### Chemical nature – base material

Fasteners are made from iron, steel, non-ferrous metals and their alloys. The materials are subject to national standards and are not classified as hazardous goods as specified in the regulations for hazardous substances (Gefstoff VO).

#### Chemical Nature - Surface Protection

#### Oiling:

Such oils are applied only when a DIN Safety Data Sheet according to DIN 52900 is available. For details refer to this Safety Data Sheet.

#### Heat Treatment:

Only quenching media for which a DIN Safety Sheet (according to DIN 52900 is available) is applied.

#### Burnishing (acc. to DIN 50938):

Only burnishing media for which a DIN Safety Data Sheet (according to DIN 52900 is available) is applied.

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**Phosphating (acc. to DIN 50942):**

Only such phosphating media for which a DIN Safety Data Sheet (according to DIN 52900) is available is applied.

**Hot Dip Galvanising (acc. to DIN 267 PART 10 & DIN 50960):**

This specifies a thermally applied zinc layer. For the material denoted zinc according to DIN 1706A a Safety Data Sheet is applied.

**Galvanising & Chromating (acc. to DIN 267 PART 9 & DIN 50941):**

Onto the zinc layer deposited by galvanising (according to DIN 50960) chromate coatings are applied according to DIN 50951. Chromate coatings usually contain CR (V1) compounds.

Because of the low content of CR (V1) compounds in the chromate layer they are not subject to the labelling instructions laid down in the regulations for hazardous substances (Gefstoff VO).

**Organic Surface Protection On Lacquer Basis:**

Refer to separate Safety Data Sheet.

**Other Surface Protections:**

The aforementioned layers will possibly be re-treated: lubrication, sealing etc. Fasteners are coated with different protective layers, because of the many variations the respective Safety Data Sheets are to be consulted for each individual case.

**Hazardous ingredients**

None

3. Possible hazards  
None
4. First aid measures  
Not applicable

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## 5. Fire fighting measures

Suitable extinguishing media:

Water, foam, and dry extinguishing media

Further information:

No further information

## 6. Accidental release measures

Sweep/shovel up prevent accidental damage

## 7. Handling and storage

Handling/Industrial Hygiene

In accordance with personal hygiene

Storage

Store in a cool dry place preferably below 30°C away from heat sources.

## 8. Exposure controls and personal protection

Personal Protective Equipment

When installing: Suitable eye protection  
Respiratory equipment if necessary  
Hand Protection: recommended in case of oiled fasteners

## 9. Physical and chemical properties

Form: Formed steel component  
Colour: Various, depending on coating  
Odour: Odourless

## Change in physical state

Melting range: Various, depending on base material

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Ignition temperature:	N/A
Vapour pressure:	not applicable
Bulk density:	(20°C)> various, depending on base material
Solubility in water:	Insoluble

## 10. Stability and reactivity

Technical Protective Measures:

Keep in a dry place.

Hazardous decomposition products:

None

## 11. Toxicological information

In our experience and according to information available to us the product is not harmful to health provided it is correctly handled and processed according to the given recommendations. However it is advised that this product is not used in the food or beverage preparation industry.

## 12. Ecological information

In the case of oiled fasteners the DIN Safety Data Sheet for the employed product is applicable.

## 13. Disposal considerations

Check for possible recycling. Can be dumped with domestic refuse or incinerated in suitable plant in accordance with local regulations.

The UK Environmental Protection (Duty of Care) Regulations (EP) and amendments should be noted (United Kingdom).

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## 14. Transport information

Transport: GGVSee/IMDG-Code: UN-NR ICAO/IATA-DGR:  
GGVE/GGVS: RID/ADR: ADNR:

Further Information:

Not classified according to transport regulations for hazardous goods.

## 15. Regulatory information

Labelling according to EEC Directives:  
Not subject to labelling regulations

## 16. Other information

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties.  
Recipients of our product must take responsibility for observing existing laws and regulations.