

## SAFETY DATA SHEET

### Section 1

#### Identification of the substance/mixture and of the company/undertaking

##### 1.1 Product identifier

Product Name: Flex-Copper

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

Use of the substance/mixture: Lead-free grease for threaded connections of pipes, flanges and threaded fasteners subjected to high temperatures and/or corrosive environments. Use advised against: Do not use in any other application

##### 1.3 Details of the supplier of the safety data sheet

Flexitallic Ltd, Scandinavia Mill, Hunsworth Lane, Cleckheaton,  
West Yorkshire, BD19 4LN  
Phone number – 01274 851273  
Emergency e-mail – [enquiries@flexitallic.eu](mailto:enquiries@flexitallic.eu)

**Emergency telephone number** - +44 (0)1274 851273

##### 2.1 Classification of the substance or mixture

CLP: Classification (EC) No. 1272/2008 (CLP)

CHIP: The product is classified in accordance with 67/548/EEC

##### 2.2 Label elements

Hazard phrases: Not classified as hazardous

Precautionary Phrases: None assigned

##### 2.3 Other hazards

DMSO-content: <3% (according to IP346)

### Section 3

#### Composition/information on ingredients

##### 3.1 Mixtures

Residual oils (petroleum), solvent-dewaxed; Baseoil - unspecified

CAS Number: 64742-62-7

EC Number: 265-166-0

REACH Registration Number: Not Available. Concentration: 30-60%

R/H Phrases: Not Applicable

## **Section 4**

### **First aid measures**

#### **4.1 Description of first aid measures**

##### Inhalation

S22 - Do not breathe dust

S23 - Do not breathe vapour

##### Contact with eyes

Promptly wash eyes with plenty of water while lifting the eye lids

Continue to rinse for at least 15 minutes, get medical attention if any discomfort continues

##### Contact with skin

Wash skin with soap and water, if grease has been injected under the skin, seek medical advice immediately

##### Ingestion

S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label

#### **4.2 Most important symptoms and effects, both acute and delayed**

Skin Contact: May cause irritation to skin and eyes

Ingestion: DO NOT INDUCE VOMITING

#### **4.3 Indication of any immediate medical attention and special treatment needed**

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label

No action shall be taken involving any personal risk or without suitable training

## **Section 5**

### **Fire fighting measures**

#### **5.1 Extinguishing media**

Use water spray to cool containers, use foam, dry chemical, carbon dioxide or suitable extinguishing media

#### **5.2 Special hazards arising from the substance or mixture**

Burning produces obnoxious and irritating fumes.

#### **5.3 Advice for firefighters**

Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode. Clothing for fire fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents

## **Section 6 Accidental release measures**

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

See Section 8

### 6.2 Environmental Precautions

Any spillage needs to be contained and not allowed to enter water courses

### 6.3 Methods and material for containment and cleaning up

Wipe, scrape or soak up in an inert material and put in a container for disposal

### 6.4 Reference to other sections

See Section 2

See Section 16

## Section 7

### Handling and Storage

#### 7.1 Precautions for safe handling

Avoid direct contact with the substance

Ventilate well, avoid breathing odours

#### 7.2 Conditions for safe storage, including any incompatibilities

S3/7/9 - Keep container tightly closed, in a cool, well ventilated place

Store incorrectly labelled containers

#### 7.3 Specific end use(s)

The identified uses for this product are detailed in Section 1.2

## Section 8

### Exposure Controls/Personal Protection

#### 8.1 Control parameters

SOLVENT REFINES BASE OIL. TWA (8 Hr exposure limit): 5mg/m<sup>3</sup> STEL (15min exposure limit): 10mg/m<sup>3</sup> (OES)

#### 8.2 Exposure controls

P281 - Use personal protective equipment as required

Wear goggles giving complete eye protection

Wear plastic gloves



## Section 9

### Physical and Chemical Properties

Appearance: Smooth Grease, Colour Copper

Odour: Odourless

Freezing point/Range: No information available

Boiling Point/Range: No Data Available

Flashpoint: >200C

Oxidising Properties: No information available

Autoignition Temperature >200C

Solubility in water: Insoluble in water  
Density: 1.2 (Measured as kg/litre)  
Explosive Properties: Considered stable under normal conditions

## **9.2 Other information**

The figures in this section are for guidance only please always use them in conjunction with the technical data sheet

## **Section 10**

### **Stability and Reactivity**

#### **10.1 Reactivity**

Considered stable under normal conditions

#### **10.2 Chemical stability**

Considered stable under normal conditions

#### **10.3 Possibility of hazardous reactions**

Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

#### **10.4 Conditions to avoid**

Sources of Ignition. Flames.

#### **10.5 Incompatible materials**

Strong oxidising agents. Strong acids.

#### **10.6 Hazardous Decomposition Products**

In combustion emits toxic fumes.

## **Section 11**

### **Toxicological Information**

#### **11.1 Information on toxicological effects**

General Information, this product has low toxicity. Only large volumes may have adverse impact on human health

## **SECTION 12**

### **Ecological information**

Information given is based on data on the components and the toxicology of similar products

#### **12.1 Toxicity**

#### **12.2 Persistence and degradability**

The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in aquatic environments.

### **12.3 Bioaccumulation Potential**

Low bioaccumulation potential

### **12.4 Mobility in soil**

No Data Available

The product is not volatile, the product is insoluble in water and will spread on the water surface

### **12.5 Results of PBT and vPvB assessment**

Not applicable

### **12.6 Other Adverse Effects**

R58 - May cause long-term adverse effects in the environment

## **Section 13**

### **Disposal Considerations**

#### **13.1 Waste treatment methods**

## **Section 14**

### **Transport Information**

#### **14.1 UN Number**

UN No.: Not classified as hazardous for transport

#### **14.2 UN Proper Shipping Name**

Proper Shipping Name: Not classified

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

Hazard Class: Not classified

#### **14.4 Packing group**

Packing Group: Not classified

#### **14.5 Environmental hazards**

Not classified

#### **14.6 Special precautions for user**

No special precautions are required for this product

#### **14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: None**

## **Section 15**

### **Regulatory Information**

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

Supply regulations: DPD: Dangerous Preparations Directive; GHS: Globally Harmonised

System of classification and labelling of chemicals; CLP: Classification, Labelling and Packaging regulations.

Transport regulations: CDG: Carriage of Dangerous Goods regulations; ADR/RID/IMDG/ICAO/IATA regulations

### **15.2 Chemical Safety Assessment**

No chemical assessment has been carried out as this Safety Data Sheet is a lubricant

### **Section 16**

#### **Other Information**

**Date This Document Was Created – May 2017**

**Date of issue – May 2017**

**Brief description of changes since the last version –**

N/A – new product safety data sheet

#### **Disclaimer**

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

**Issuing authority** - Flexitallic Applications Engineering Department

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