

## Safety Data Sheet

### According to 1907/2006 EC - 453/2010 EC

Printing date 24.07.2013

Version number 4


Revision: 24.07.2013

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

- **Product identifier**
- **Trade name:** 762 HIGH TEMP JOINT COMP
- **Article number:** 600021108
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use SU3** Industrial uses: Uses of substances as such or in preparations at industrial sites
- **Application of the substance / the preparation** Jointing Compound
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
FUCHS LUBRICANTS (UK) PLC.  
New Century Street  
Hanley  
Stoke-on-Trent, Staffordshire, ST1 5HU  
UK  
e-mail: product.safety@fuchs-oil.com
- **Further information obtainable from:** Product safety department.
- **Emergency telephone number:**  
Fuchs Lubricants (UK) Emergency telephone: (UK) 01782 203700  
NIIS Direct: 0845 46 47 / Textphone: 0845 606 46 47

**EMERGENCY  
TELEPHONE NO.  
800-255-3924**

#### 2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**  
 Xi; Irritant  
R36/38: Irritating to eyes and skin.
- **Information concerning particular hazards for human and environment:**  
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- **Label elements**
- **Labelling according to EU guidelines:**  
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.
- **Code letter and hazard designation of product:**  
Xi Irritant
- **Risk phrases:**  
36/38 Irritating to eyes and skin.
- **Safety phrases:**  
37/39 Wear suitable gloves and eye/face protection.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

#### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

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**Dangerous components:**

CAS: 1344-09-8	Sodium silicate	 Xi R36/38	50-100%
EINECS: 215-687-4		 Skin Irrit. 2, H315; Eye Irrit. 2, H319	

SVHC None

Additional information: For the wording of the listed phrases refer to section 16.

#### \* 4 First aid measures

- **Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:**  
If skin irritation continues, consult a doctor.  
Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**  
Check for and remove any contact lenses.  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**  
Seek medical treatment.  
Rinse out mouth and then drink plenty of water in small sips.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

#### 5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.
- **Additional information** Cool endangered receptacles with water spray.

#### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Avoid formation of dust.  
Ensure adequate ventilation
- **Environmental precautions:**  
Do not allow to penetrate the ground/soil.  
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Send for recovery or disposal in suitable receptacles.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

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## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Prevent any seepage into the ground.
- **Information about storage in one common storage facility:**  
Store away from foodstuffs.  
Store away from metals.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment:**  
Select PPE appropriate for the operations taking place taking into account the product properties.
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.  
Do not eat, drink, smoke or sniff while working.  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Do not carry product impregnated cleaning cloths in trouser pockets.  
Avoid contact with the eyes and skin.
- **Respiratory protection:** Not required.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **For the permanent contact gloves made of the following materials are suitable:**  
Nitrile rubber, NBR

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- Neoprene gloves
- PVC or PE gloves
- Eye protection:



Tightly sealed goggles

- Body protection: Protective work clothing

### 9 Physical and chemical properties

- Information on basic physical and chemical properties

- General Information

- Appearance:

Form:	Pasty
Colour:	Grey
Odour:	Odourless
Odour threshold:	Not determined.

- pH-value: Not applicable.

- Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.

- Flash point: > 100 °C

- Flammability (solid, gaseous): Not determined.

- Ignition temperature: >250 °C

- Decomposition temperature: Not determined.

- Self-igniting: Product is not selfigniting.

- Danger of explosion: Product does not present an explosion hazard.

- Vapour pressure: Not applicable.

- Density at 20 °C: 1.5 g/cm<sup>3</sup>

- Solubility in / Miscibility with water: Partly soluble.

- Partition coefficient (n-octanol/water): Not determined.

- Viscosity:

- Dynamic: Not applicable.

- Other information: No further relevant information available.

### 10 Stability and reactivity

- Reactivity

- Chemical stability

- Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

- Possibility of hazardous reactions: No dangerous reactions known.

- Conditions to avoid: No further relevant information available.

- Incompatible materials: Strong oxidising agents.

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• **Hazardous decomposition products:** Carbon monoxide and carbon dioxide

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
  - **on the skin:** Irritant to skin and mucous membranes.
  - **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:  
Irritant

### 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential:** Product is not expected to bioaccumulate.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**  
Contact waste processors for recycling information.  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.  
Used, degraded or contaminated product may be classified as hazardous waste. Anyone classifying hazardous waste and determining its fate must be qualified in accordance with state and international legislation.
- **European waste catalogue**  
Waste key numbers in accordance with the European Waste catalogue (EWC) are origin-referred defined.  
Since this product is used in several industries, no waste key can be provided by the supplier. The waste key number should be determined in arrangement with your waste disposal partner or the responsible authority.
- **Uncleaned packaging:**
- **Recommendation:**  
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.  
Disposal must be made according to official regulations.  
EWC 15 01 02 or 15 01 04
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

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#### 14 Transport information

• UN-Number	
• ADR, ADN, IMDG, IATA	Void
• UN proper shipping name	
• ADR, ADN, IMDG, IATA	Void
• Transport hazard class(es)	
• ADR, ADN, IMDG, IATA	
• Class	Void
• Packing group	
• ADR, IMDG, IATA	Void
• Environmental hazards:	
• Marine pollutant:	No
• Special precautions for user	Not applicable.
• Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable to packaged goods.
• Transport/Additional information:	Not dangerous according to the above specifications.

#### 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- National regulations:
- Other regulations, limitations and prohibitive regulations
- Substances of very high concern (SVHC) according to REACH, Article 57 None
- Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

#### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This data sheet is a Safety Data Sheet in accordance with 1907/2006/EC - 453/2010/EC, Article 31.

For products which are not subject to classification according to EU lists, this data sheet is supplied on a voluntary basis.

##### • Relevant phrases

- The Hazard / Risk phrases shown below are for those component substances which are listed in section 3 and not necessarily for the finished formulation.

- Hazards are concentration dependent. Therefore for the hazard classification and risk/safety phrases appropriate for the actual finished formulated product refer to section 2.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

R36/38 Irritating to eyes and skin.

• Department issuing SDS: Product safety department.

• Contact: STEVEN PRITCHARD

• \* Data compared to the previous version altered.

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