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SAFETY DATA SHEET

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**SECTION 1 Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifier**

- Product Name: UNIAL ELECTRICAL JOINTING COMPOUND
- Product Part Number: GR01\_03

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

- Use of the substance/mixture: SU22: Professional uses:
- SU3 : Industrial uses: Uses of substances as such or in preparations\* at industrial sites

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

- Name of Supplier: Overhead Line Fittings (U.K) Limited
- Address of Supplier: Wood Lane Works  
Norton - Juxta - Twycross  
Atherstone  
Warwickshire  
CV9 3QB
- Telephone: 01827 880210
- Responsible Person: Sales@overheadlinefittings.co.uk
- Email: Sales@overheadlinefittings.co.uk

**1.4 Emergency telephone number**

- Emergency Telephone: 01827 880210 (Not 24 Hour)
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**SECTION 2 Hazards identification**

**2.1 Classification of the substance or mixture**

- CLP: Carc. 1A, Aquatic Chronic 2

**2.2 Label elements**



- Signal Word: Danger
- Hazard statements  
May cause cancer by inhalation when ZincTetroxy Chromate is inhaled as a powder in it's natural state. ZincTetroxy Chromate should not be present as a breathable powder in Unial

## SAFETY DATA SHEET - UNIAL ELECTRICAL JOINTING COMPOUND

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### SECTION 2 Hazards identification (....)

Attention! Contains Zinc Chromate. Cancer hazard. Known human carcinogen  
May cause an allergic skin reaction (H317).  
Toxic to aquatic life with long lasting effects (H411).

- Precautionary statements  
Wear protective gloves/protective clothing/eye protection/face protection (P280).  
Avoid release to the environment (P273).  
Dispose of contents/container to local / National regulations (P501)  
IF ON SKIN: Wash with plenty of soap and water (P302+P352).  
Do not handle until all safety precautions have been read and understood (P202).

If skin irritation or rash occurs: Get medical advice/attention (P333+P313).

#### 2.3 Other hazards

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### SECTION 3 Composition/information on ingredients

#### 3.1 Mixtures

- Highly Refined Mineral Oil  
CAS Number: None  
EC Number: None  
Concentration: >60%  
Categories: None
  - zinc chromates including zinc potassium chromate  
CAS Number: -49663-84-5  
EC Number: -256-418-0  
Concentration: <10%  
Categories: Acute Tox. 4, Skin Sens. 1, Carc. 1A, Aquatic Acute 1, Aquatic Chronic 1  
Symbols: GHS08;GHS07;GHS09  
H Statements: H350;H302;H317;H400;H410
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### SECTION 4 First aid measures

#### 4.1 Description of first aid measures

- Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.
- Skin Contact: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.
- Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth – to – mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.
- Ingestion: If swallowed, get medical attention.

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

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

## **SECTION 5 Fire-fighting measures**

### **5.1 Extinguishing media**

- In case of fire: use foam, carbon dioxide or dry agent for extinction (P370+P378)

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

- Closed containers may explode when exposed to extreme heat due to a build up of steam. Keep containers tightly closed. No unusual fire or explosion hazards note.

### **5.3 Advice for firefighters**

- Water may be used to cool closed containers to prevent pressure build up and possible auto ignition or explosion. Evacuate area and fight fire from a safe distance. Use water spray to keep fire exposed containers cool as the containers may explode when heated.
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## **SECTION 6 Accidental release measures**

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

- Wear protective clothing as per section 8

### **6.2 Environmental Precautions**

- Avoid release to the environment (P273).

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

- Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Avoid the spillage or runoff entering drains, sewers or watercourses.

### **6.4 Reference to other sections**

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## **SECTION 7 Handling and storage**

### **7.1 Precautions for safe handling**

- Avoid breathing dust/fume/gas/mist/vapours/spray (P261).
- Contaminated work clothing should not be allowed out of the workplace (P272).
- Avoid release to the environment (P273).
- Wear protective gloves/protective clothing/eye protection/face protection (P280).
- Use personal protective equipment as required (P281).
- Wash contaminated clothing before reuse (P363).

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

- Storage Class: Miscellaneous hazardous material storage.

### **7.3 Specific end use(s)**

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## **SECTION 8 Exposure controls/personal protection**

### **8.1 Control parameters**

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## **SECTION 8 Exposure controls/personal protection (....)**

### **8.2 Exposure controls**



- Appropriate engineering controls: Provide adequate general and local exhaust ventilation.
  - Contaminated work clothing should not be allowed out of the workplace (P272).
  - Wear protective gloves/protective clothing/eye protection/face protection (P280).
  - Use personal protective equipment as required (P281).
  - Hygiene Measures: **DO NOT SMOKE IN WORK AREA!** Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.
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## **SECTION 9 Physical and chemical properties**

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

- Appearance: Smooth Semi Fluid Grease
- Colour: Yellow
- Odour: Odourless
- Solubility: Insoluble in Water
- Melting point/Range: 200 (C)
- Density: 0.88 - 1.5
- Flashpoint: 200 PM Closed cup.
- Autoignition Temperature >200°C

### **9.2 Other information**

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## **SECTION 10 Stability and reactivity**

### **10.1 Reactivity**

### **10.2 Chemical stability**

- This article is considered stable under normal conditions

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

### **10.4 Conditions to avoid**

- Avoid heat, flames and other sources of ignition.

### **10.5 Incompatible materials**

- Materials To Avoid  
Strong oxidising substances.

### **10.6 Hazardous Decomposition Products**

- Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## **SECTION 11 Toxicological information**

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

- No effects for small dosage. Large dose effects not known
  - Inhalation: Unlikely to be hazardous by inhalation because of the low vapour pressure of the substance at ambient temperature.
  - Ingestion: No harmful effects expected in amounts likely to be ingested by accident.
  - Skin contact: Substance may cause slight skin irritation. May cause skin irritation.
  - Eye Contact: May cause temporary eye irritation.
  - Special Effects: Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis and skin cancer.
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## **SECTION 12 Ecological information**

### **12.1 Toxicity**

- zinc chromates including zinc potassium chromate  
IC50 (algae) 30 mg/l (3 hr)  
EC50 (daphnia) 0.0047 mg/l (168 hr)  
LC50 (fish) 0.01 mg/l (72 hr)

### **12.2 Persistence and degradability**

- Not readily biodegradable

### **12.3 Bioaccumulation Potential**

- Low bioaccumulation potential

### **12.4 Mobility in soil**

- Mobility: This Product is non-volatile. The product contains substances which are insoluble in water and which sediment in water systems.

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

### **12.6 Other Adverse Effects**

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## **SECTION 13 Disposal considerations**

### **13.1 Waste treatment methods**

- General Information Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.
  - Disposal methods Dispose of waste and residues in accordance with local authority requirements.
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## **SECTION 14 Transport information**



### **14.1 UN Number**

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## **SECTION 14 Transport information (....)**

- UN No.: 3082

### **14.2 Proper Shipping Name**

- Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

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

- Hazard Class: 9

### **14.4 Packing group**

- Packing Group: III

### **14.5 Environmental hazards**

- Marine Pollutant

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

### **14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code**

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## **SECTION 15 Regulatory information**

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

National regulations: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009

No. 716).

Control of Substances Hazardous to Health Regulations 2002 (as amended)

EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Guidance

Approved Classification and Labelling Guide (Sixth edition) L13

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

**15.2 Chemical Safety Assessment**

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## **SECTION 16 Other information**

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H302: Harmful if swallowed. H317: May cause an allergic skin reaction. H350: May cause cancer. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.