

# Material Safety Data Sheet

Date of Issue: 01.07.09

Supersedes: N/A

## 1. Identification of the Substance/Preparation and of the Company Undertaking

**Product** Granville Bearing Fit & Studlock

**Company** Granville Oil & Chemicals Ltd  
Unit 29  
Goldthorpe Industrial Estate  
Goldthorpe  
Rotherham  
South Yorkshire S63 9BL  
Tel (+44) 01709 890099  
Fax (+44) 01709 891121

## 2. Hazards Identification

Main Hazards: Irritating to eyes, respiratory system and skin. May cause sensitisation by inhalation and skin contact.

## 3. Composition/Information on Ingredients

Hazardous Ingredients: ISOBUTYL METHACRYLATE 1 – 10%

EINECS: 202-613-0 CAS: 97-86-9

[-] R10; [Xi] R36/37/38; [Sens] R43; [N] R50

- 2-HYDROXYTETHYL METHACRYLATE 1 – 10%

EINICS: 212-782-2 CAS: 868-77-9

[Xi] R36/38; [Sens] R43

- ETHOXYLATED BIS A DIMETHACRYLATE 10 – 30%

CAS: 24448-20-2

[Sens] R43/43

- METHACRYLIC DIESTER OF POLYETHYLENE GLYCOL 10-30%

CAS: 25852-47-5

[Xi] R36/38

- A,A-DIMETHYLBENZYL HYDROPEROXIDE <1%

EINICS: 201-524-7 CAS: 80-15-9

[O] R7; [Xn] R21/22; [T] R23; [Xn] R48/20/22; [N] R51/53

- MONOALKYL OR MONOARYL OR MONOALKYARL ESTERS OF METHACRYLIC ACID WITH THE EXCPETION OF THOSE SPECIFIED ELSEWHERE IN THIS ANNEX 1 – 10%

[Xi] R36/37/38

The information contained in this leaflet is provided to enable the user to assess the product and should not be taken as a specification. All information provided is given good faith we can however not assume liability. It is up to the user to ensure that the information and the product is suitable for use intended.

#### 4. First Aid Measures (SYMPTONS)

Skin Contact: There may be irritation and redness at the site of contact.  
Eye Contact: There may be irritation and redness. Eyes may water profusely.  
Ingestion: There may be soreness and redness of the mouth and throat.  
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest/  
Exposure may cause coughing or wheezing.

#### 4. First Aid Measures (ACTION)

Skin Contact: Remove all contaminated clothes and footwear immediately unless stuck to  
Skin. Wash immediately with plenty of soap and water.  
Eye contact: Bathe the eye with running water for 15 minutes. Consult a Doctor.  
Ingestion: Wash out mouth with water. Consult a Doctor.  
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.  
Consult a Doctor.

#### 5. Fire- Fighting Measures

Extinguishing Media: Suitable extinguishing media for the surrounding fire should be used.  
Use water spray to cool containers.  
Exposure Hazards: In combustion emits toxic fumes.  
Protection of Fire-Fighters: Wear self contained breathing apparatus. Wear protective clothing  
To prevent contact with skin and eyes.

#### 6. Accidental Release Measures

Personal Precautions: Refer to section 8 of SDS for personal protection details. If outside do not  
approach from downwind. If outside keep bystanders upwind and away from  
danger point. Mark out the contaminated area with signs and prevent access  
to unauthorised personnel. Turn leaking containers leak-side up to prevent  
the escape of liquid.  
Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using  
bunding.  
Clean-Up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage  
Container for disposal by an appropriate method.

#### 7. Handling and Storage

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient  
Ventilation of the area. Do not handle in a confined space. Avoid the  
formation or spread of mists in the air.  
Storage considerations: Store in cool, well ventilated area. Keep container tightly closed.

#### 8. Exposure Controls/Personal Protection

Hazardous ingredients: ISOBUTYL METHACRYLATE  
WEL (8 hr exposure limit): 300mg/m<sup>3</sup>  
Engineering Methods: Ensure there is sufficient ventilation of the area.  
Respiratory protection: Self-contained breathing apparatus must be available in case of  
Emergency.  
Hand Protection: Protective gloves  
Eye Protection: Safety Glasses. Ensure eye bath is to hand.  
Skin Protection: Protective clothing

## 9. Physical and Chemical Properties

State: Liquid

## 10. Stability and Reactivity

Stability: Stable under normal conditions

Conditions to avoid: Heat

Materials to avoid: Strong oxidising agents. Strong acids

Hazardous Decomposition Products: In combustion emits toxic fumes.

## 11. Toxicological Information

Hazardous ingredients:

- ISOBUTYL METHACRYLATE  
IPR MUS LD50 1340 mg/kg  
ORL MUS LD50 11990 mg/kg
- 2-HYDROXYETHYL METHACRYLATE  
IPR RAT LD50 1250 mg/kg  
ORL MUS LD50 3275 mg/kg  
ORL RAT LD50 5050 mg/kg
- A,A-DIMETHYLBENZYL HYDROPEROXIDE  
ORL MUS LDLO 5mg/kg  
ORL RAT LD50 382mg/kg  
SCU RAT LD50 382 mg/kg

Chronic toxicity: May cause sensitisation by skin contact

Routes of exposure: Refer to section 4 of SDS for routes of exposure and  
Corresponding symptoms

## 12. Ecological Information

Mobility: Readily absorbed into soil

Persistence & degradability: Biodegradable

Bioaccumulative potential: No bioaccumulation potential

Other adverse effects: Negligible ecotoxicity

## 13. Disposal Considerations

NB: The user's attention is drawn to the possible existence of regional or national  
Regulations regarding disposal.

## 14. Transport Information

ADR/RID: UN No. Not classified

IMDG/IMO: UN No. Not classified

IATA/ICAO: UN No. Not classified

## 15. Regulatory Information

Hazard Symbols: Harmful



Risk Phrases: R36/37/38: Irritation to eyes, respiratory system and skin.  
R42/43: May cause sensitisation by inhalation and skin contact.

Safety Phrases: S23: Do not breathe fumes.

S24/25: Avoid contact skin and eyes

S37/39: Wear suitable gloves and eye/face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately  
(show the label where possible).

S51: Use only in well ventilated areas

S63: In case of accident by inhalation, remove casualty to fresh air and keep at rest.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations of provisions.

## 16. Other Information

Risk phrases used in s.2:

R10: flammable

R36/37/38: Irritating to eyes, respiratory system and skin

R43: May cause sensitisation by skin contact

R50: Very toxic to aquatic organisms.

R36/38: Irritating to eyes and skin.

R42/43: May cause sensitisation by inhalation and skin contact.

R7: May cause fire

R21/22: Harmful in contact with skin and if swallowed

R23: Toxic by inhalation

R34: Causes burns

R48/20/22: Harmful: danger of serious damage to health by prolonged exposure  
Through inhalation and if swallowed.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the  
Aquatic environment.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above Product.