



MATERIAL SAFETY DATA SHEET

PART NUMBERS: 15 98 82 – 15 98 86

SECTION 1 PRODUCT IDENTIFICATION AND MANUFACTURE

SUPPLIER: METPREP LTD.
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DESCRIPTION: Self Lubricating Diamond Suspensions

PRODUCT: POLYMET SUSPENSION

SECTION 2 SUBSTANCE HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Main hazards No Significant Hazard

2.2. Label elements

Precautionary Statement: P281 - Use personal protective equipment as required.
Prevention

Precautionary Statement: P302+P350 - IF ON SKIN: Gently wash with plenty of soap and water.
Response

Precautionary Statement: P402+P404 - Store in a dry place. Store in a closed container.
Storage

Precautionary Statement: P501 - Dispose of contents/container to an approved waste disposal unit.
Disposal

Risk phrases No Significant Hazard

2.3. Other hazards

Other hazards No data is available on this product.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

SELF LUBRICATING DIAMOND SUSPENSIONS

(None of the materials employed in this Self Lubricating Suspension are classified as hazardous)



SECTION 4 FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Ingestion	DO NOT INDUCE VOMITING.

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

Inhalation	Harmful: may cause lung damage if swallowed. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	Ingestion may cause nausea and vomiting.

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

Inhalation	If you feel unwell, seek medical advice (show the label where possible).
Eye contact	Seek medical attention.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	If you feel unwell, seek medical advice (show the label where possible).

SECTION 5 FIRE FIGHTING MEASURES

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear self contained breathing apparatus and protective clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Avoid contact with skin and eyes.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

See section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION for further information.

See section 13. DISPOSAL CONSIDERATIONS for further information.



SECTION 7 HANDLING AND STORAGE

7.1. Precautions for safe handling

Ensure adequate ventilation of the working area. Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers

7.3. Specific end use(s)

See section 1.2. Relevant identified uses of the substance or mixture and uses advised against for further information.

SECTION 8 EXPOSURE CONTROL/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure controls.

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection -	
Handprotection	Wear suitable gloves
Skin protection - Other	Wear suitable protective clothing.
Respiratory protection	Wear suitable respiratory equipment when necessary.
Occupational exposure controls	Keep away from food, drink and animal feedingstuffs.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Opaque/Various
Odour	Slight
pH	9
Freezing Point	< -5 °C
Initial boiling point	100 °C
Viscosity	> 140 cps@20°C
Solubility	Soluble in water

9.2. Other information

Specific gravity	1 g/cm ³
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SECTION 10

STABILITY AND REACTIVITY PROPERTIES

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data is available on this product.

10.4. Conditions to avoid

No data is available on this product.

10.5. Incompatible materials

No data is available on this product.

10.6. Hazardous decomposition products

No data is available on this product.

SECTION 11

TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Skin corrosion/irritation

May cause irritation to skin.

Serious eye damage/irritation

May cause irritation to eyes.

11.1.4. Toxicological Information

No data available

SECTION 12

ECOLOGICAL INFORMATION

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data is available on this product.

12.3. Bioaccumulative potential

No data is available on this product.

12.4. Mobility in soil

No data is available on this product.

12.5. Results of PBT and vPvB assessment

No data is available on this product.

12.6. Other adverse effects

No data is available on this product.

SECTION 13

DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations.



SECTION 14

TRANSPORT INFORMATION

14.1. UN number

The product is not classified as dangerous for carriage.

14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

The product is not classified as dangerous for carriage.

14.6. Special precautions for user

The product is not classified as dangerous for carriage.
No data is available on this product.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.
No data is available on this product.

SECTION 15

REGULATORY INFORMATION

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

Regulations 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC,

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

15.2. Chemical safety assessment

No data is available on this product.

SECTION 16

OTHER INFORMATION

Revision This document differs from the previous version in the following areas:
12 - 12.1. Toxicity.

Further information

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.