



SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **Graphite**
Item Code: 2297PR PRESSOL
Product Use: Grease
Restriction of Use: Refer to Section 15

New Zealand Supplier: Hobeca Trading Co Ltd
Address: 25 Andrew Baxter Drive
Auckland, 2022
New Zealand

Telephone: +64 9 249 0499
Emergency No: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 27 June 2023

Section 2. Hazards Identification

Not classified as hazardous according to Regulation (EC) No. 1272/2008 which meets New Zealand jurisdiction criteria as per EPA Hazardous Substances (Classification) Notice 2017.

Section 3. Composition / Information on Ingredients

Ingredients		
Mineral oil-based mixture. Mineral oil with DMSO extract < 3 % as measured by IP 346.		

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time. If eye irritation occurs: get medical advice/attention.

If on Skin Rinse skin with water/shower. If skin irritation occurs: get medical advice/attention.

If Swallowed If swallowed, rinse mouth with water (only if the person is conscious). Let water be drunk in little sips (dilution effect). Call a physician if needed. Do NOT induce vomiting.

If Inhaled Remove person to fresh air. Allow person to assume most comfortable position and keep warm.

Most important symptoms and effects, both acute and delayed

Symptoms: None known.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable
Hazards from decomposition products	Hazardous decomposition products: Carbon monoxide Carbon dioxide (CO2). Do not inhale explosion and combustion gases.
Suitable Extinguishing media	Alcohol resistant foam, Extinguishing powder, Carbon dioxide (CO2). Do not use high power water jet.
Precautions for firefighters and special protective clothing	In case of fire: Wear self-contained breathing apparatus. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Do not allow to enter into soil/subsoil.
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

Put on appropriate personal protective equipment as detailed in Section 8.

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Clean contaminated articles and floor according to the environmental legislation.

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Dispose as per Section 13.

Section 7. Handling and Storage**Precautions for Handling:**

- Read label carefully and follow all instructions.
- Use personal protection equipment.
- Do not eat, drink or smoke when using this product.
- Provide fresh air.
- Handle and open container with care.
- Conditions to avoid: generation/formation of aerosols.

Precautions for Storage:

- Protect against: Frost.
- Keep away from heat.
- Protect against direct sunlight.
- Keep container tightly closed in a cool, well-ventilated place.

Section 8 Exposure Controls / Personal Protection**WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

Substance	Cas No	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³

No ingredients have exposure limits

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 13TH EDITION.

Engineering Controls

No additional measures necessary.

Personal Protection Equipment

Eyes	Eye glasses with side protection.
Hands and Body	Wear suitable gloves. Recommended glove articles: DIN EN 374. Suitable material: NBR (Nitrile rubber). Breakthrough time (maximum wearing time): > 480 min (Thickness of the glove material: 0.4 mm). Breakthrough times and swelling properties of the material must be taken into consideration. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Barrier creams can help protecting exposed skin areas. In no case should they be used after contact. Protective clothing.
Respiratory	With correct and proper use, and under normal conditions, breathing protection is not required. When splashes or fine mist form, a permitted breathing apparatus suitable for these purposes must be used. Suitable respiratory protection apparatus: Filtering Half-face mask (DIN EN 149), e.g. FFA P / FFP3.
Hygiene measures	When using do not eat, drink, smoke, sniff.

Section 9 Physical and Chemical Properties

Appearance	Paste
Colour	Yellow-Brown
Odour	Characteristic
Odour Threshold	Not available
pH	Not available
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	190°C EN ISO 2592
Flammability	Not flammable
Upper and Lower Exposure Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Density @ 15°C	0.9 g/cm ³ DIN51757
Water Solubilities	Insoluble
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
VOC Pressure @ 20°C	Not available
Particle Characteristics	Not available
Viscosity	Not available

Section 10. Stability and Reactivity

Stability of Substance	Stable under recommended storage and handling conditions.
Possibility of hazardous reactions	No hazardous reaction when handled and stored according to provisions.
Conditions to Avoid	Heat.
Incompatible Materials	No data available.
Hazardous Decomposition Products	No data available.

Section 11 Toxicological Information

Product Name: **Graphite**
Date of SDS: 27 June 2023

SDS Prepared by: Technical Compliance Consultants (NZ) Ltd
Tel: 64 9 475 5240 www.techcomp.co.nz

Acute Effects:

Swallowed	Based on available data, the classification criteria are not met.
Dermal	Based on available data, the classification criteria are not met.
Inhalation	Based on available data, the classification criteria are not met.
Eye	Based on available data, the classification criteria are not met.
Skin	Based on available data, the classification criteria are not met.

Chronic Effects:

Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive Toxicity	Based on available data, the classification criteria are not met.
Germ Cell Mutagenicity	Based on available data, the classification criteria are not met.
Aspiration	Based on available data, the classification criteria are not met.
STOT/SE	Based on available data, the classification criteria are not met.
STOT/RE	Based on available data, the classification criteria are not met.

Section 12. Ecotoxicological Information

There are no data available on the mixture itself.

Persistence and degradability	There are no data available on the mixture itself.
Bioaccumulation	There are no data available on the mixture itself.
Mobility in Soil	There are no data available on the mixture itself.
Other adverse effects	There are no data available on the mixture itself.

Section 13. Disposal Considerations**Disposal Method:**

This material and its container must be disposed of in a safe way. Refer to Local Regulations.

Precautions:

Do not allow to enter into surface water or drains.

Section 14 Transport Information

This product is NOT classified as a Dangerous Good for transport in NZ; NZS 5433:2020

Section 15 Regulatory Information

Not classified as hazardous according to Regulation (EC) No. 1272/2008 which meets New Zealand jurisdiction criteria as per EPA Hazardous Substances (Classification) Notice 2017.

Section 16 Other Information**Glossary**

Cat	Category
EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.

LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices April 2022 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

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Please contact the New Zealand distributor, if further information is required.

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