



SAFETY DATA SHEET

SAPPHIRE 2 HIGH TEMPERATURE BEARING GREASE

12735 2.00 GB EN 21.02.1997 MSDS.EN

SAFETY DATA SHEET RS 330-6294; 238-6384

SD0160

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	SAPPHIRE 2 HIGH TEMPERATURE BEARING GREASE
Manufacturer/Supplier	ROCOL Limited
Address	ROCOL House, Swillington, Leeds, LS26 8BS, ENGLAND.
Phone Number	+44 (0) 113 2322700
Fax Number	+44 (0) 113 2322760
Emergency Phone Number	+44 (0) 113 2322600

2. COMPOSITION/INFORMATION ON THE COMPONENTS

Hazardous Components in Product for EC Component Name	Concentration	R Phrases	Classification
No constituents need to be specified.	0.00 - 100.00		

3. HAZARD IDENTIFICATION

Main Hazards	Not classified as hazardous.
Health Effects - Eyes	May cause slight transient irritation.
Health Effects - Skin	Repeated and/or prolonged contact may lead to dermatitis.

4. FIRST AID MEASURES

First Aid - Eyes	Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.
First Aid - Skin	Wash skin with soap and water. If grease has been injected under the skin, seek medical advice immediately.
First Aid - Ingestion	Do not induce vomiting. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media	Do not use water jet.
Special Hazards of Product	This product may give rise to hazardous fumes in a fire.
Protective Equipment for Fire-Fighting	Wear self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Material can create slippery conditions underfoot.
Spillages	Transfer into suitable containers for recovery or disposal.



SAFETY DATA SHEET

SAPPHIRE 2 HIGH TEMPERATURE BEARING GREASE

12735 2.00 GB EN 21.02.1997 MSDS.EN

7. HANDLING AND STORAGE

Handling	When applying by grease gun, care must be taken not to inject this product under the skin.
Storage	Storage temperature should be controlled to between 1 and 40 °C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Control Measures	No specific measures necessary.
Hand Protection	PVC gloves.
Eye Protection	No specific measures necessary.
Body Protection	Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Paste.
Colour	Dark
Odour	Mild.
Melting Point (°C)	Melts above 280.
Flash Point (PMCC) (°C)	Exceeds 200.
Solubility in Water (kg/m3)	Insoluble.
Density (kg/m3)	0.98. (measured as kg/litre)
Auto-flammability (°C)	Above 200.

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to Avoid	No specific measures necessary.
Materials to Avoid	Strong oxidising agents.
Hazardous Decomposition Products	Combustion will generate: smoke, possibly thick and choking, resulting in zero visibility.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	Low order of acute toxicity.
-----------------------	------------------------------

12. ECOLOGICAL INFORMATION

Mobility	The product is insoluble in water. If released to water the product will float. The product is poorly absorbed onto soils or sediments.
Persistence/Degradability	The product is expected to be resistant to biodegradation.
Bio-accumulation	Product is not expected to bioaccumulate.
Ecotoxicity	One of the components is expected to be injurious to aquatic life.

13. DISPOSAL

Product Disposal	Incineration or landfill. Dispose of in accordance with all applicable local and national regulations.
-------------------------	--



SAFETY DATA SHEET

SAPPHIRE 2 HIGH TEMPERATURE BEARING GREASE

12735 2.00 GB EN 21.02.1997 MSDS.EN

13. DISPOSAL

Container Disposal

No specific measures necessary.

14. TRANSPORT INFORMATION

UN Class	Not classified.
ADR/RID - Class	Not classified.
IMDG - Class	Not classified.
IATA - Class	Not classified.

15. REGULATORY INFORMATION

Labelling Information

R phrases	None.
S phrases	None.

16. OTHER INFORMATION

Product Use	For industrial use only. Lubricant.
MSDS first issued	19 December 1996
MSDS data revised	21 February 1997

17. NATIONAL LEGISLATION

EC Legislation	EC Directive 91/155/EEC defining the laying down and detailed arrangements for the system of specific information relating to dangerous preparations. EC Directive 88/379/EEC relating to the classification, packaging and labelling of dangerous preparations.
----------------	---

To the best of our knowledge, the information contained herein is accurate. Although certain hazards may be described we cannot predict that these are the only hazards, or combination of hazards, that may exist in a workplace. This MSDS, therefore, forms a component only of a risk assessment carried out by, or on behalf of, the user.
