

MATERIAL SAFETY DATA SHEET

Conforming to Directive 91/155/EEC

1.0 IDENTIFICATION

- | | | |
|-----|---------------------|-------------------------------|
| 1.1 | Product Name | Silicone Grease HT |
| 1.2 | Supplier | Martin Chemicals & Lubricants |
| 1.3 | Telephone no | +44 (0) 151 336 5138 |
| 1.4 | Emergency no | +44 (0) 151 336 5138 |

2.0 COMPOSITION/INFORMATION ON INGREDIENTS

- | | | | |
|-----|---------------------|-------------------------------------|---------|
| 2.1 | Chemical nature | Polydimethylsiloxane and silica mix | |
| 2.2 | Hazardous substance | Amount | Details |
| | none | | |

3.0 HAZARDS IDENTIFICATION

- | | | |
|-----|------------------|------|
| 3.1 | Nature of hazard | none |
| 3.2 | Hazard symbol | none |
| 3.3 | Risk phrases | none |
| 3.4 | Safety phrases | none |

4.0 FIRST AID MEASURES

- | | | |
|-----|--------------|---|
| 4.1 | Eye contact | Irrigate eye with clean water, seek medical advice |
| 4.2 | Skin contact | Wash |
| 4.3 | Inhalation | No inhalation hazard |
| 4.4 | Ingestion | Low toxicity by ingestion. May be harmful if ingested in quantity, drink some water to dilute |

5.0 FIRE FIGHTING MEASURES

- | | | |
|-----|--------------------------------|---|
| 5.1 | Extinguishing Media | Water spray, Carbon dioxide, Foam, Dry chemical |
| 5.2 | Unsuitable extinguishing media | None known |
| 5.3 | Unusual extinguishing hazards | None known |
| 5.4 | Protective equipment | Breathing apparatus and protective clothing |

6.0	ACCIDENTAL RELEASE MEASURES	
6.1	Personal precautions	Avoid eye contact
6.2	Precautions to protect the environment	None established, do not allow large quantities to enter drains
6.3	Cleanup procedures	Absorb with inert absorbent and dispose of in accordance with local authority regulations. Wash site of spillage with water and detergent.
7.0	HANDLING & STORAGE	
7.1	Handling	Avoid contact with eyes
7.2	Storage	No special measures required
8.0	EXPOSURE CONTROLS / PERSONAL PROTECTION	
8.1	Respiratory protection	Not applicable
8.2	Hand protection	Not applicable
8.3	Eye protection	Goggles or face mask
8.4	Skin protection	Not applicable
9.0	PHYSICAL & CHEMICAL PROPERTIES	
9.1	Appearance at 20°C	Thick opalescent paste
9.2	Odour	Slight
9.3	Density at 25°C	0.980 to 1.010 g/cm ³
9.4	pH (as is)	Not applicable
9.5	Boiling point	>300°C
9.6	Flash point	>315°C
9.7	Auto flammability	>400°C
9.8	Solubility in water	Not soluble
9.9	Freezing point	-41°C
10.0	STABILITY & REACTIVITY	
10.1	Conditions to avoid	None known
10.2	Materials to avoid	None known
10.3	Hazardous decomposition products	None known
10.4	Stability	Stable
11.0	TOXOLOGICAL INFORMATION	
11.1	Skin toxicity	No significant effects
11.2	Eye toxicity	May cause temporary discomfort
11.3	Ingestion toxicity	No significant effects
11.4	Inhalation toxicity	No significant effects
11.5	Long term exposure effects	Unknown

page 2 of 3

12.0	ECOLOGICAL INFORMATION				
12.1	Biodegradability				Not known
12.2	Aquatic toxicity				Not known
12.3	COD				Not known
13.0	DISPOSAL CONSIDERATION				
13.1	Method				Dispose of in accordance with local regulations
14.0	TRANSPORT INFORMATION				
14.1	EEC Regulations	UNNO			None
14.2	Road & Rail Transport (ADR/RID)	Class	None	Item	None
15.0	REGULATORY INFORMATION				
15.1	Not classified as hazardous to users				
15.2	Labelling				None

16.0 OTHER INFORMATION

Care has been taken to ensure accuracy of the data in this document, but no guarantee or liability will be assumed. It is recommended that customers satisfy themselves of the suitability of all product purchased for their own use.