

SUPERLAP FLUID ABRASIVES

MSDS

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code	SUPERLAP HMC
Trade Name	SUPERLAP HARD METAL COMPOUND
Manufacturer/Supplier	A. T. Technical Services & Services cc
Address	Unit 4, Gamma Park, 67 Regency Drive R21 Corporate Park Irene, 0157 SOUTH AFRICA
Phone Number	0861 00 2887
Fax Number	086 730 4202
Emergency Phone Number	Brad Taylor 082 905 8985

2. COMPOSITION/INFORMATION ON THE COMPONENTS

Description	Grinding compound: For use in surface preparation of harder materials: From stainless steels to stellite and most ceramics.
Hazardous Components in Product	No components have tripped any EC Health Classification Rules. This preparation is unclassified.

3. HAZARD IDENTIFICATION

Main Hazards	Not classified as hazardous.
Health Effects - Eyes	Product may cause slight transient irritation.
Health Effects - Skin	Material may cause slight irritation on prolonged or repeated contact. Handle product with care. Accidental injection into the skin can cause serious tissue damage.(See section 4)
Health Effects - Ingestion	A large dose may have the following effects:- gastrointestinal irritation. diarrhoea. nausea.
Health Effects - Inhalation	Not applicable.

4. FIRST AID MEASURES

First Aid - Eyes	Immediately flood the eye with plenty of water for at least 10 minutes, holding the eye open. Obtain medical attention immediately. Pay specific attention to removing all particulate matter.
First Aid - Skin	Wash skin thoroughly with soap and water. Contaminated clothing should be washed or dry-cleaned before re-use. Apply skin cream if skin is dry.
First Aid - Ingestion	Wash out mouth with water. Do not induce vomiting. If any material enters the lungs, for example during swallowing or vomiting, obtain medical attention urgently.
First Aid - Inhalation	Not applicable.
Advice to Physicians	Subcutaneous high pressure injection, requires treatment as a surgical emergency as within 24 hrs the following will result: great swelling, discolouration and intense throbbing pain, which might necessitate extensive surgical decompression, debridement and drainage. This product contains fine inorganic, chemically inert particulate matter – please keep this in mind. Use: broad spectrum anti-biotic, anti-inflammatory medication.

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	Do not direct a jet of foam into burning material.

5. FIRE FIGHTING MEASURES

Protective Equipment for Fire-Fighting Wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Wear appropriate protective clothing.
Environmental Precautions Try to prevent the material from entering drains or water courses.
Spillages Transfer into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

Handling Avoid contact with eyes, skin and clothing.
Storage Storage area should be: cool. dry. non-vibrating floor. Avoid contamination by water .

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Control Measures Use of the basic principles of Industrial Hygiene will enable this material to be used safely.
Respiratory Protection Respiratory protection not normally required.
Hand Protection Use a good barrier cream. Rubber gloves.
Eye Protection Chemical goggles if there is a risk of splashing.
Body Protection Normal work wear. If there is danger of splashing, wear: rubber apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Solid.
Colour Black.
Odour Mild.
pH Not soluble in water.
Melting Point (°C) > 260
Flash Point (PMCC) (°C) Exceeds > 260. (Open-cup method)
Solubility in Water (kg/m3) Insoluble.
Density (kg/m3) 1640.

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.
Conditions to Avoid High temperatures.
Materials to Avoid Oxidising agents.
Hazardous Decomposition Products Combustion will generate: oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity All components have a low order of acute toxicity.
Irritancy - Eyes The abrasive grit particles is most likely to cause irritation of the eye.
Irritancy - Skin Data available for a related material suggests that this product is unlikely to be irritating to the skin.
Sub-acute/Subchronic Toxicity There are no reports of adverse long term effects following repeated exposure.
Chronic Toxicity/Carcinogenicity Insufficient data are available to assess carcinogenicity.
Genotoxicity No relevant studies identified.

12. ECOLOGICAL INFORMATION

Mobility The product is poorly absorbed onto soils or sediments.

12. ECOLOGICAL INFORMATION

Persistence/Degradability	The product is partially or slowly biodegradable.
Bio-accumulation	Product is not expected to bioaccumulate.
Ecotoxicity	The product is rated as practically non-toxic to aquatic species.

13. DISPOSAL

Product Disposal	Incineration is the recommended method of disposal. Dispose of in accordance with all applicable local and national regulations.
Container Disposal	Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate.

14. TRANSPORT INFORMATION

UN Number	Not applicable.
UN Proper Shipping Name	Non-hazardous for transport
ADR/RID/Land - Bill of Freight Description	Non-hazardous for transport
IMDG - Proper Shipping Name	Non-hazardous for transport
IATA - Proper Shipping Name	Non-hazardous for transport

15. REGULATORY INFORMATION

Labelling Information	None
R phrases	None.
S phrases	S2 Keep out of reach of children.

16. OTHER INFORMATION

Purpose of use	As per Product Data Sheet
MSDS first issued	10 June, 2000
MSDS data revised	
Disclaimer	All information and instructions in this MSDS are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct. This information applies to the PRODUCT AS SUCH. It is the responsibility of persons in receipt of this MSDS to ensure that the information contained herein, even when supplied to third parties, is passed onto and is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with applicable national, provincial and local laws and regulations.
