

SUPERLAP FLUID ABRASIVES

MSDS

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code	SUPERLAP WB
Trade Name	SUPERLAP WATER BASE COMPOUND
Manufacturer/Supplier	A T Technical Services & Supplies cc
Address	Unit 4, Gamma Park, 67 Regency Drive R21 Corporate park Irene, 0157
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 normal ferrous metals
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	}
Unsuitable Extinguishing Media	} Not flammable at all
Special Hazards of Product	}
Protective Equipment for Fire-Fighting	}

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	Thick Paste.
Colour	Black/Grey.
Odour	Mild.
pH	7.
Melting Point (°C)	Will dry to a dry mass at 100 degrees C plus.
Flash Point (PMCC) (°C)	Non flamaable.
Solubility in Water (kg/m3)	Insoluble is water dilutable and will disappear totally in 10 times its original. Volume of water with agitation leaving only black in organic grit.
Density (kg/m3)	1640.

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to Avoid	High temperatures.
Materials to Avoid	Oxidising agents – strong acids and alkalic harmless dry cake consisting of Inorganic non volatile gritty material.
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.
Persistence/Degradability	The product is partially or slowly biodegradable.
Bio-accumulation	Product is not expected to bioaccumulate.

12. ECOLOGICAL INFORMATION

Ecotoxicity The product is rated as practically non-toxic to aquatic species.

13. DISPOSAL

Product Disposal Water washing 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 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 03 March 2004.
MSDS data revised
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