

# SUPERLAP FLUID ABRASIVES

MSDS

## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Code</b>	SUPERLAP WB WHITE ALOX.
<b>Trade Name</b>	SUPERLAP WATER BASE WHITE ALOX COMPOUND.
<b>Manufacturer/Supplier</b>	A T Technical Services & Supplies cc
<b>Address</b>	Unit 4 Gamma Park 67 Regency Drive R21 Corporate park, Irene, 0157 SOUTH AFRICA
<b>Phone Number</b>	0861 00 2887
<b>Fax Number</b>	086 730 4202
<b>Emergency Phone Number</b>	Brad Barry-Taylor 082 905 8985

### 2. COMPOSITION/INFORMATION ON THE COMPONENTS

<b>Description</b>	Grinding compound: For use in surface preparation of normal ferrous metals
<b>Hazardous Components in Product</b>	No components have tripped any EC Health Classification Rules. This preparation is unclassified.

### 3. HAZARD IDENTIFICATION

<b>Main Hazards</b>	Not classified as hazardous.
<b>Health Effects - Eyes</b>	Product may cause slight transient irritation.
<b>Health Effects - Skin</b>	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)
<b>Health Effects - Ingestion</b>	A large dose may have the following effects:- gastrointestinal irritation. diarrhoea. nausea.
<b>Health Effects - Inhalation</b>	Not applicable.

### 4. FIRST AID MEASURES

<b>First Aid - Eyes</b>	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.
<b>First Aid - Skin</b>	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.
<b>First Aid - Ingestion</b>	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.
<b>First Aid - Inhalation</b>	Not applicable.
<b>Advice to Physicians</b>	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

<b>Extinguishing Media</b>	}
<b>Unsuitable Extinguishing Media</b>	} Non flammable at all.
<b>Special Hazards of Product</b>	}
<b>Protective Equipment for Fire-Fighting</b>	}

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## 6. ACCIDENTAL RELEASE MEASURES

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

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## 7. HANDLING AND STORAGE

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<b>Handling</b>	Avoid contact with eyes, skin and clothing.
<b>Storage</b>	Storage area should be: cool, dry. Non-vibrating floor. Avoid contamination by water.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Physical State</b>	Thick Paste.
<b>Colour</b>	Cream/beige.
<b>Odour</b>	Mild.
<b>pH</b>	7.
<b>Melting Point (°C)</b>	Will dry to a dry mass in open air over time or at 100 degrees Celsius plus.
<b>Flash Point (PMCC) (°C)</b>	Non flammable.
<b>Solubility in Water (kg/m3)</b>	Is water dilutable and will disperse totally in 10 times its original volume of water with agitation, leaving only white inorganic grit.
<b>Density (kg/m3)</b>	1790.

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## 10. STABILITY AND REACTIVITY

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<b>Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	High temperatures.
<b>Materials to Avoid</b>	Strong acids and alkalis.
<b>Hazardous Decomposition Products</b>	None – harmless dry cake consisting of mainly inorganic non volatile gritty material.

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## 11. TOXICOLOGICAL INFORMATION

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

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## 12. ECOLOGICAL INFORMATION

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<b>Mobility</b>	The product is poorly absorbed onto soils or sediments.
<b>Persistence/Degradability</b>	The product is partially or slowly biodegradable.
<b>Bio-accumulation</b>	Product is not expected to bioaccumulate.

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**12. ECOLOGICAL INFORMATION**

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

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**13. DISPOSAL**

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**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.

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**14. TRANSPORT INFORMATION**

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**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

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**15. REGULATORY INFORMATION**

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**Labelling Information** None

**R phrases** None.

**S phrases** S2 Keep out of reach of children.

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**16. OTHER INFORMATION**

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**Purpose of use** As per Product Data Sheet

**MSDS first issued** 03 March 2004.

**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.