Metrodent	SAFETY DATA SHEET
	Title: Metro Lab Putty
Date Prepared: 5 August 2009	Date Revised: 29/11/2009

1 **Product and company identification.**

PRODUCT NAME : Metro Lab Putty

Supplier: Metrodent Limited
Lowergate Works, Lowergate
Paddock, Huddersfield
HD3 4EP

Telephone: +44 (0) 1484 461616
Email metrodent.com

2 **Hazards identification**

MOST IMPORTANT HAZARDS

Adverse human health effects
The product does not present any particular risk.

Physical and chemical hazards

Fire or explosion Combustible.

Specific hazards According to EC criteria, this product is not classified as a "hazardous preparation".

3 **Composition / information on ingredients**

PREPARATION

Chemical nature Polyorganosiloxanes and inert mineral fillers.

Components presenting hazards:
none.

4 **First-aid measures**

Inhalation Not specifically applicable.

Skin contact Remove all contaminated clothing and footwear.
Wash with soap and water.
In case of inflammation (redness, irritation, ...) obtain medical attention.
Show this sheet to the doctor. [*]

Eye contact Rinse with running water whilst keeping the eyes wide open (at least 15 minutes). [*]

Ingestion NEVER attempt to induce vomiting.
Rinse mouth out with water. [*]

Further Information Use appropriate protective equipment when treating a contaminated person.
Place contaminated clothing in a sealed bag for disposal. [*]

5 **Fire - fighting measures**

Extinguishing media

Suitable Foam
Powders
Carbon dioxide (CO_2)

Not suitable None to our knowledge. If there is a fire close by, use suitable extinguishing agents.

Specific hazards For further information, refer to section 10: "Stability and Reactivity".

Protection of fire-fighters Self-contained breathing apparatus.

Specific fire fighting methods
Cool down the containers/equipment exposed to heat with a water spray.

6 Accidental release measures

Personal precautions	Personal protective equipment: Safety spectacles.
Environmental precautions	This product does not present any particular risk for the environment.
Methods for cleaning up	Collect up the product and place it in a spare container:
Recovery	suitably labelled - with a closing device. Keep the recovered product for subsequent disposal.
Neutralization	Absorb residues with dry sand or dry inert absorbent. with a closing device.an appropriate solvent.
Cleaning/Decontamination	Decontaminate and wash the floor with an appropriate solvent Then wash with plenty of water.
Disposal	Incinerate contaminated materials at an authorized installation

7 Handling and storage

Technical measures	Does not require any specific or particular measures.
Safe handling advice	Comply with instructions for use (refer to technical sheet).
STORAGE	
Technical measures	Does not require any specific or particular technical measures.
Storage conditions	
Recommended	Stable under normal storage conditions.
Incompatible products	Strong oxidizing agents.
Packaging	Steel drums varnished with epikote. Polypropylene buckets/boxes(cardboard outer-packaging)
Packaging materials	Recommended : Coated steels. Plastic materials (polyethylene, polypropylene).

8 Exposure controls / personal protection

Engineering measures	No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety.
Control parameters	
Occupational exposure limits	
Limits (UK)	No specific limits
Personal protective equipment	
Hand protection	Protective gloves must be chosen according to the function of the work station: other chemicals which may be handled, physical protection necessary (resistance to cutting, puncture, heat), dexterity required. [*]
Eye protection	Safety spectacles
Skin and body protection	Protective clothing with elasticated cuffs and closed neck.
Collective emergency equipment	
	Eye fountain

9 Physical and chemical properties

APPEARANCE	
Physical state	Viscous paste
Colour	Whitish blue
Odour	none
pH	Not applicable (insoluble product) [*]
Specific temperatures	
Decomposition temperature	> 200°C.
Flammability characteristics	
Flash point	> 200°C (Closed cup, according to method ASTM D-56). > 400°C (Spontaneous ignition temperature).
Auto-ignition temperature	
Oxidizing properties	Not considered as oxidizing. (Expert statement) [*]
Vapour pressure	< 0.01 kPa at 20°C.

Specific gravity	1.8 g/cm3 at 25°C.
Solubility in water	Practically insoluble.
in organic solvents	Dispersible (partial solubilisation) in: diethylether Aliphatic hydrocarbons. aromatic hydrocarbons (toluene, xylene). chlorinated solvents.

10 Stability and reactivity

Stability	Stable at room temperature.
Hazardous reactions	Materials to avoid : Reacts with: strong oxidizing agents.
Hazardous decomposition products	On combustion forms: (Carbon oxides (CO + CO2)). amorphous silica

11 Toxicological information

Acute toxicity	Not classified as harmful by inhalation Not classified as harmful by contact with skin Not classified as harmful if swallowed (by calculation according to the conventional method) (internal evaluation) [*]
Local effects	Not classified as irritating to skin and eyes (by calculation according to the conventional method) (internal evaluation) [*] By mechanical effect : May cause slight temporary irritation to ocular mucous membranes. [*]
Sensitisation	Not classified as sensitising by skin contact (by calculation according to the conventional method) (internal evaluation) [*]
Specific effects	
Mutagenicity	Data available only for some components No genotoxic potential was observed in tests performed on the components of the preparation. [*]

12 Ecological information

MOBILITY

Expected behaviour of the product

Ultimate destination of the product : SOIL and SEDIMENT. :

BIODEGRADABILITY

Ultimate aerobic biodegradability

Silicone component :
Not biodegradable.
(Published data).
Inorganic part :
Not biodegradable.
(Published data). [*]

BIOACCUMULATION

Bioconcentration factor	Silicone component : Not bioaccumulable. (Published data). Inorganic part : Not bioaccumulable. (Published data). [*]

ECOTOXICITY

Effects on the aquatic environment

According to the data on the components NOT considered to be : Harmful to

aquatic organisms. (internal evaluation) [*]

13 **Disposal considerations**

RESIDUES FROM PRODUCT

Destruction/Disposa Dispose of at a licensed waste collection point.

CONTAMINATED PACKAGING

Decontamination/cleaning

Scrape or drain carefully
Rinse with an appropriate solvent.
Recover the solvent used for rinsing and incinerate at a licensed site.

Destruction/Disposal Entrust the thoroughly decontaminated packaging to a licensed waste-contractor.
Entrust the cardboard packaging to a licensed waste-contractor.

NOTE The user's attention is drawn to the possible existence of local regulations regarding disposal.

14 **Transport information**

INTERNATIONAL REGULATIONS

Land

Rail/road (RID/ADR) NOT restricted.
Sea (IMO/IMDG) NOT restricted.
Air (ICAO-IATA) NOT restricted.

OTHER REGULATIONS

United Kingdom: Rail/road

NOT restricted.

NOTE The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.

15 **Regulatory information**

LABELLING

EC regulations Mandatory labelling (self-classification) of hazardous preparations:
NOT APPLICABLE

NOTE The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the Safety Data Sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16 **Other information**

Registration numbers These polymers are not concerned by the EINECS inventory.
The monomers corresponding to the polymer are registered in the EINECS inventory.
All the other constituents of this preparation are registered in the EINECS inventory.
All the components of this preparation are registered in the TSCA inventory. [*]
* Update : This sheet was updated (refer to the date at the top of this page).
Subheadings and text which have been modified since the previous version are indicated with an asterisk (*).

R Phrases of 2 & 3 No R phrases

This safety data sheet should be used in conjunction with technical sheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfil his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist.This is solely his responsibility.