



# MATERIAL SAFETY DATA SHEET

PART NUMBERS: MC50 Microset F1 Putty

## SECTION 1 PRODUCT IDENTIFICATION AND MANUFACTURE

**SUPPLIER:** METPREP LTD.  
CURRIERS CLOSE  
CHARTER AVENUE  
COVENTRY CV4 8AW  
TELEPHONE: 024 7642 1222  
FAX: 024 7642 1192

**PRODUCT:** Microset F1 Putty

## SECTION 2 COMPOSITION

Single or Mixture  
Mixture

Chemical Identification  
Organopolysiloxane mixture

Hazardous Components  
ChrySTALLine silica / (confidential) : ca 70%  
(see section 8 of this MSDS for Exposure Guideline)  
(see section 11 of this MSDS for Carcinogenicity)

## SECTION 3 HAZARDS IDENTIFICATION

### Hazards Classification

None (based on IMO)

### Fire & Explosion

Not considered flammable or combustible, but will burn if involved in a fire  
Contact with acidic, basic or oxidizing materials generates flammable and explosive hydrogen gas.

### Potential Health Effect

Skin Contact :may cause slight skin irritation, but no significant effect.  
Eyes Contact: may cause slight eye irritation.  
Ingestion: no information is available.



#### **SECTION 4 FIRST AID MEASURES**

- Skin Contact: Remove product from skin with dry cloth or towel, and wash exposed area with detergent.
- Eyes Contact: Immediately flush with water for at least 15 minutes.
- Ingestion: Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Call a physician immediately.

#### **SECTION 5 FIRE FIGHTING MEASURES**

- Flash Point (method used) :  
150°C Min. (Open Cup)
- Flammable Limits:  
Lower: Not measured Upper: Not measured
- Extinguishing Media:  
Foam, dry chemical, carbon dioxide or fine water spray
- Special Fire Fighting Procedure  
Not required
- Unusual Fire & Explosion Hazard:  
None

#### **SECTION 6 ACCIDENTAL RELEASE MEASURES**

Step to be taken in case material is released or spilled:

- Contain the spill or leak
- Scrape up with cardboard or rag and place in container, in such a case pay attention to generation of hydrogen gas by contaminants.

#### **SECTION 7 HANDLING AND STORAGE**

Precaution to be taken in handling and storage:

- Keep container closed when not in use.
- Vent the container properly to eliminate internal pressure.
- Store in a cool place.
- Keep away from heat and flame.
- Do not lay the container on its side.
- Avoid contact with eyes and prolonged or repeated skin contact.
- Avoid contact with acidic, basic or oxidizing materials.
- Keep out of reach of children.

Information about the emptied container:

- Do not re-use this container.
- Keep away from heat, sparks and flame.
- Do not puncture or cut this container and do not weld near this container.



## SECTION 8 EXPOSURE CONTROL/PERSONAL PROTECTION

### Exposure Guidelines :

ACGIH TLV - TWA : 0.1mg/m<sup>3</sup>, (Respirable Dust),  
OSHA PEL : 8H TWA 10mg/m<sup>3</sup>/%SiO<sub>2</sub>, (Respirable Dust) [chrystalline silica]

### Respiratory Protection (specify type) :

Not required

### Ventilation :

Local Exhaust : Not required  
Mechanical (general) : Not required  
Special : Not required  
Other : Not required

### Protective Gloves :

Plastic film.

### Other Protective Clothing or Equipment :

Eyewash equipment.

### Work / Hygienic Practices :

Keep away from heat and flame.  
Avoid contact with eyes and prolonged or repeated skin contact.  
Avoid contact with acidic, basic or oxidizing materials.  
Wash hands after handling.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point : Not Applicable  
Vapor Pressure : Negligible (250C)  
Vapor Density (air = 1) : Not Applicable  
Specific Gravity : 1.8 (250C)  
Melting Point : Not Applicable  
Evaporation Rate : Negligible (Butyl Acetate = 1)  
Solubility in Water : Not soluble  
Appearance (colour) : Yellow (Part A) Blue (Part B)  
Appearance (form) : Putty  
Odor : Slight odor

## SECTION 10 STABILITY AND REACTIVITY

### Stability :

Part A :Unstable (but it will not vigorously polymerize, decompose, condense, or will not become self-reactive under conditions of shocks, pressure or temperature.)

Part B: Stable

Condition to Avoid : Contact with acidic, basic or oxidizing materials.

Incompatibility (material to avoid) : Acidic, basic or oxidizing materials.

Hazardous Decomposition or by- product : Flammable hydrogen gas.

Hazardous Polymerization : Will not occur



Condition to Avoid : None

## **11. TOXICOLOGICAL INFORMATION**

Skin Irritation : No evidence of skin irritation

Eye Irritation : No evidence of eye irritation

Acute Toxicity (LD50) : No information is available

Acute Toxicity (LC50) : Not applicable

Chronic Toxicity : No information is available

Carcinogenicity :

NTP : Not listed,

IARC : Not listed,

OSHA Regulated : Not listed

This product contains crystalline silica which is considered a hazard by inhalation with dust and classified as an agent which is probably carcinogenic to humans by IARC and may reasonably be anticipated to be carcinogen by NTP. But we consider that this product does not fall under Group 2A in IARC and carcinogen in NTP because it does not generate the dust under normal handling condition.

Other Information : None

## **SECTION 12 ECOLOGICAL INFORMATION**

Biodegradation : Not Applicable

Bioaccumulation : No information is available

Aquatic Toxicity : No information is available

Other Information : None

## **SECTION 13 DISPOSAL CONSIDERATIONS**

Can be burned in a chemical incinerator equipped with an afterburner and scrubber.

Do not dispose of the emptied container unlawfully.

Observe all federal, state, and local laws.

## **SECTION 14 TRANSPORT INFORMATION**

UN No. : None

IMO Classification and Class : None

Packaging Group : None

Proper Shipping Name : None

Technical Shipping Name : None

Marine Pollutant : None

DOT Reportable Quantity (RQ) : Not Applicable



Hazard Substance(s) Name / (CAS No.), Contents and RQ : Not Applicable

## **SECTION 15 REGULATORY INFORMATION**

Toxic Substances Control Act (TSCA) Status : Listed on the TSCA Inventory.

European Inventory of Existing Commercial Chemical Substances (EINECS) Status : Listed on the EINECS.

Labelling According to EC Regulations Required :

Symbol : Not required  
R-Phrase : Not required  
S-Phrase : Not required  
Contains : None

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III Section 313

Supplier Notification :

This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the emergency planning and community Right - To - Know Act of 1986 and 40 CFR 372. This information must be included in all MSDS's that are copied and distributed for the material.

The toxic chemical (s) contained in this product are : Chemical Name / (CAS No.) and Contents NONE

California Proposition 65 :

This regulation requires a warning for California Proposition 65 Chemical(s) under the statute.

The California Proposition 65 Chemical(s) contained in this product are :

Chemical Name / (CAS No.) and Contents NONE

We consider that crystalline silica contained in this product does not fall under these chemicals because it does not generate the dust under normal handling condition.

## **SECTION 16 OTHER INFORMATION**

This material safety data sheet is offered solely for your information, consideration, and investigation. The data described in this MSDS consist of data on literature, our acquisitional data and analogical inference by data of similar chemical substance or product. Microset Products Limited provides no warranties, either express or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein.