



MATERIAL SAFETY DATA SHEET

PRODUCT NUMBER: M121F

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 Replifix Putty

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

Single or Mixture:
Mixture

Chemical Identification:
Organopolysiloxane mixture

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

SECTION 3 SUBSTANCE HAZARD IDENTIFICATION

Hazards Classification
None (based on IMO)

Fire and 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 eyes 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 oC 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 and 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/m³, (Respirable Dust),
OSHA PEL : 8H TWA 10mg/m³/%SiO₂, (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 PROPERTIES

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

SECTION 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. MetPrep Ltd provides no warranties, either express or implied, and assumes no responsibility for the accuracy or completeness of the data contained here.