



MC-RIX INDUSTRIES

(AN ISO 9001:2008 CERTIFIED COMPANY)

Date of issue: April-2015

Material Safety Data Sheet

Product Name: METAL 250 STEEL PUTTY

Section 1- Identification of the substance/mixture and of the company/undertaking product identifier

Product Name : Metal 250 Steel Putty

Recommended use : Industrial degreaser

Company details : Mcrix Industries

Address : Plot No. 1/A, Survey No.233, Varsanna, Kutch, Gujarat.

Telephone number : +91 02836 232517

Email Id : info@mc-rix.com

Section 2: Composition/Information on Ingredients Mixtures

S.No	Components	Percentage % w/w
1	Epoxy Resin	(Number average MW \leq 800)
2	Reactive Polymers	4.4
3	Iron Powder	11
4	Fillers	3.2



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Section 4- First Aid Measures

Skin Contact:	Promptly flush contaminated skin with water. Promptly remove clothing if soaked through and flush the skin with water. Get medical attention if irritation persists after washing.
Eye Contact:	Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and get medical attention.
Ingestion:	DO NOT induce vomiting. Get medical attention immediately.
Inhalation:	Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Most important symptoms and effects, both acute and delayed
Indication of any immediate medical attention and special treatment needed

Section 5 – Fire fighting measures

Special hazards arising from the substance or mixture

Specific hazards

Fire creates: Carbon monoxide (CO), Carbon dioxide (CO₂).

Advice for fire fighters

Special Fire Fighting Procedures

Keep run-off water out of sewers and water sources. Dike for water control. If risk of water pollution occurs, notify appropriate authorities.

Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Environmental precautions

Methods and material for containment and cleaning up.

Wear necessary protective equipment. Stop leak if possible without risk. DO NOT touch spilled material! Runoff or release to sewer, waterway or ground is forbidden. Absorb in vermiculite, dry sand or earth and place into containers. Flush area with plenty of water. Do not let washing down water contaminate ponds or waterways.

Reference to other sections



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Section 7 – Handling and storage

Precautions for safe handling: Avoid spilling, skin and eye contact. Provide good ventilation. Persons susceptible to allergic reactions should not handle this product.

Conditions for safe storage, including any incompatibilities: Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

Section 8 – Exposure control/ personal protection

Control parameters

WEL = Workplace Exposure Limits

Exposure controls

Protective equipment

Engineering measures

Well-ventilated area.

Hand protection: Protective gloves must be used if there is a risk of direct contact or splash. Use protective gloves made of: Nitrile.

Eye protection: Wear splash-proof eye goggles to prevent any possibility of eye contact.

Other Protection: Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Provide eyewash station.

Hygiene measures: DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

Section 9 – Physical and chemical properties

Visual appearance

Grey/Black coloured solid

Flash Point(°C)

> 200 Not Noted

Relative Density

2.23-2.29

Odour profile

Slight odour

Water solubility

Insoluble in water



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Section 10 – Stability and reactivity data

Chemical stability: Stable under normal temperature conditions.

Possibility of hazardous reactions

Conditions to avoid: Avoid contact with strong oxidisers.

Incompatible materials

Hazardous decomposition products: Fire or high temperatures create: Carbon monoxide (CO), Carbon dioxide (CO₂).

Section 11- Toxicology information

Information on toxicological effects

Inhalation: Vapour may irritate respiratory system or lungs.

Ingestion: May cause discomfort if swallowed.

Skin contact: Irritating to skin. May cause sensitisation by skin contact.

Eye contact: Irritating to eyes.

Medical Considerations: Skin disorders and allergies.

Section 12 – Ecological information

Ecotoxicity: The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

Section 13 – Disposal considerations

Waste treatment methods: Dispose of waste and residues in accordance with local authority requirements.

Waste Class: Classified as Special Waste. Not permitted for landfill in liquid state.



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Section 14 - Transport information

General: The product is not covered by international regulation on the transport of dangerous goods

UN number: Not applicable.

UN proper shipping name: Not applicable.

Transport Hazard Class(es)

Transport Labels: No transport warning sign required.

Packing group: Not applicable.

Environmental hazards: Environmentally Hazardous Substance/Marine Pollutant

Special precautions for user: Not applicable.

Section 16 - Other information

Chemical Safety Assessment

General information: This product should be used as directed Wonder Enterprises . For further information consult the product data sheet or contact.

Technical Services

Information Sources: This safety data sheet was compiled using current safety information supplied by distributor of raw materials.

Revision Comments:

NOTE: Lines within the margin indicate significant changes from the previous revision. This safety data sheet supersedes all previous issues and users are cautioned to ensure that it is current. Destroy all previous data sheets and if in doubt contact Wonder Enterprises