



PARMADAR

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

IDENTIFICATION

Product Name	Copper Slag
Other means of Identification	Iron Silicate PMBA G830, G830E, G1430, G3060

COMPANY DETAILS

Company Name	Parmadar Pte Ltd
Address	34 Pioneer Sector 2, Singapore 628389
Telephone	(65) 6861 0328 / (65) 9730 1750
Email Address	sales@parmadar.com

SECTION 2. HAZARDS IDENTIFICATION

Hazardous Decomposition Products	Non-hazardous substance, non-dangerous goods
Hazardous Polymerization	Will not occur.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Composition (Typical)	Copper (as Cu) : Approx. 0.79% Lead (as Pb) : Approx. 0.08% Nickel (as Ni) : Approx. 0.009% Zinc (as Zn) : Approx. 1.57% Iron (as Fe) : Approx. 48 – 60 %
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SECTION 4 – FIRST AID MEASURES

Eyes	If irritated during handling or use, flush with fresh water and seek medical attention.
Skin	Not hazardous by skin contact but if irritated, clean the skin thoroughly with soap and water.
Inhaled	Use a cup mask to filtrate and reduce amount of dust inhalation.
Swallowed	If accidentally swallowed, obtain immediate medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

Flash Point	Non-flammable, does not support combustion of other materials, and will not cause dust explosions.
Extinguishing Media	Not applicable
Fire and Explosion Hazards Data	Not applicable
Special Fire Fighting Instructions	Not applicable

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill Response Procedures	Prevent entering sewer, stormwater drains or waterways. Sweep up immediately.
Waste Disposal Method	According to local government regulations.

SECTION 7 – HANDLING AND STORAGE

Protective Gloves	Rubber or fabric, if required.
Eye Protection	Safety goggles.
Ventilation	Local exhaust.
Handling and Storage	No special storage precautions required.



SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards	Do not store or consume food, drink or tobacco in an area where they may become contaminated with this material. Wash hand thoroughly before eating, smoking, applying cosmetics etc. use safe hygiene practices. Thoroughly launder work clothes before reuse.
Engineering Controls	Ensure all blast cleaning equipment complies with regulatory and safety standards / regulations. Local ventilation should be considered if used in poorly ventilated or very confined space.
Personal Protection Equipment	When usage is directed at abrasive blasting, ensure that proper abrasive blasting helmet, protective suit, gloves and footwear are worn.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Black granules, free flowing grit
Vapour Pressure	Not applicable
Specific Gravity	Approx. 3.5
Odour	Odourless
Hardness	Approx. 6 – 7 Mohs
Boiling Point	Not applicable
Flash Point	Not applicable
Solubility in Water	Insoluble

SECTION 10 – STABILITY AND REACTIVITY

Stability	Stable under normal conditions of use
Incompatibility (material to avoid)	None allocated
Hazardous Decomposition Products	None allocated
Hazardous Polymerization	Will not occur
Hazardous Reaction	None identified

SECTION 11 – TOXICOLOGICAL INFORMATION

No toxicological information is available for this product.



SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity	None identified
Persistence and Degradability	Not applicable
Mobility in Soil	Not applicable

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Methods	Follow local, state or federal guidelines for disposal of inert solid waste, e.g. for landfill.
Waste Disposal Considerations	MATERIAL CONTAMINATED OR REDUCED TO DUST IN USE MAY NEED SPECIAL HANDLING AND DISPOSAL. IT IS THE RESPONSIBILITY OF THE USER TO UNDERTAKE ANY EVALUATION CLASSIFICATION AND DISPOSAL OF MATERIAL AFTER USE.

SECTION 14 – TRANSPORT INFORMATION

UN number	None allocated
UN proper shipping name	Not classified for transportation
Transport hazard class(es)/Codes	Not classed as Dangerous under the ADG Code.
Packing group	Not applicable
Environmental hazards	None
Special precautions for user	None
Transport information	Transport in a covered modes, e.g: Bulk bags, feeder containers, paper bags

SECTION 15 – REGULATORY INFORMATION

Not applicable

SECTION 16 – OTHER INFORMATION

DISCLAIMER: The information given and the recommendations made herein apply to our product(s) alone and not in combination with any other product(s). Such information and recommendations are based on our experience and data from other reliable sources and believed to be accurate. However, no guarantee of their accuracy is made. In every case we urge and recommend that purchasers carry out their own tests to verify this data under their own operating conditions and to determine their own satisfaction whether the product is suitable for their particular purposes, before using any product. The particular purpose or any other warranty, expressed or implied.