



MATERIAL SAFETY DATA SHEET

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1.GENERAL INFORMATION

Manufacture : DAIWA LANCE INTERNATIONAL CO., LTD.
Tan Thuan EPZ, Tan Thuan Dong Ward, District 7,
Ho Chi Minh City, S.R. Vietnam

2.PRODUCT IDENTIFICATION

PRODUCT REF : DAIWA CERAMIC LANCE PIPE

3.COMPOSITION

Metal	Iron	Fe	:	> 98.4 %
	Carbon	C	:	0.3% max
	Manganese	Mn	:	1.0 % max
	Silicon	Si	:	0.35% max
	Phosphorus	P	:	< 0.04 % max
	Sulfur	S	:	< 0.04 % max
	Chromium	Cr	:	0.01-0.04 %
	Nickel	Ni	:	0.01-0.08 %
Refractory	Silicon Oxiside	SiO2	:	63-85 %
	Aluminum Oxide	Al2O3	:	3-10 %
	Manganese Oxide	MnO	:	0.69%
	Magnesium Oxide	MgO	:	< 0.15 %
	Aluminum	Al	:	< 0.45 %
	Sulfur	S	:	< 0.002 %
	Titanium	Ti	:	< 0.002 %
	Vanadium	V	:	< 0.001 %
	Iron oxide	Fe2O3	:	0.0821%
	Iron	Fe	:	< 0.08 %
	Cobalt	Co	:	< 0.001 %
	Nickel	Ni	:	< 0.08 %
	Copper	Cu	:	< 0.025 %
	Zinc Oxide	ZnO	:	0.00%
	Zirconium Oxide	ZrO	:	< 0.05 %
	Niobium Oxide	NbO	:	< 0.02 %
	Tin	Sn	:	< 0.001 %
	Antimony Oxide	SbO	:	< 0.003 %
	Tungustin	W	:	< 0.001 %
	Lead	Pb	:	< 0.003 %

4. HAZARD IDENTIFICATION

None

5. REACTIVITY DATA

Fumes produced from welding. To wear fumes protection masks and provide respiratory systems.

6. FIRST AID MEASURES

Skin contact : Wash with soap and water.
Eye contact : Wash with fresh water and seek medical advice.
Inhalation : Remove to fresh air and seek medical advice.
Ingestion : Seek medical advice.

7. FIRE-FIGHTING MEASURE

Non combustible.

8. ACCIDENTAL RELEASE MEASURES

Use vacuum cleaner for dust removal.

9. HANDLING & STORAGE

Keep dry.

10. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection : Wear dust protection masks. Provide respiratory system.
Hand Protection : Wear gloves.
Eye Protection : Wear safety glasses.
Skin Protection : Wear safety clothes.
Other P.P.E : Wear safety shoes and helmet.

11. PHYSICAL & CHEMICAL PROPERTIES

Appearance : Solid
PH : NA
Melting Point / Range : Theoretically no available.
Flammability : NA
Oxidising Properties : NA
Relative Density : 2.6-2.9
Stability & Reactivity : Stable
Odour : None
Boiling Point / Range : NA
Flash Point : NA
Explosive Properties : NA
Vapour Pressure : NA
Solubility : Un soluble.

12. TOXICOLOGICAL INFORMATION

Inhalation : Non toxic
Ingestion : Non toxic
Skin Contact : Non toxic

13. ECOLOGICAL INFORMATION

Mobility : Non
Accumulation : NA
Degradability : None
Ecotoxicity & Other Adverse Effects : None

14.DISPOSAL CONSIDERATIONS

Conventional disposal for solids.

15.TRANSPORT INFORMATION

Conventional method of transportation.

16.REGULATORY INFORMATION

No special regulations.

17.OTHER INFORMATION

None