



## HEALTH, SAFETY AND ENVIRONMENTAL COMPLIANCE

The simple act of requesting a “low free silica” blasting media is not sufficient protection for the owner, the contractor or the general public.

The **costs of complying** with the strict OSHA exposure standards and **rising costs of disposal** argue that only the cleanest substitutes for silica sand and slag should be employed.

The table below shows the total and soluble limits of the toxic metals regulated by California’s Title 22 hazardous waste standards. Garnet contains none of the listed metals.

Compare garnet with the alternatives. Consider the choices. Garnet abrasives – assurance of minimum exposure and minimum risk.

### REPORT OF ANALYSIS California Waste Extraction Test – Sec. 66700

	TOTAL CONTENT		SOLUBLE CONTENT	
	Allowable	Garnet	Allowable	Garnet
Antimony	0.05 %	< 0.01 %	15mg/1	< 1mg/1
Arsenic	0.05	< 0.001	5	< 0.01
Barium	1.0	< 0.001	100	< 0.1
Beryllium	0.0075	< 0.0001	0.75	< 0.01
Cadmium	0.01	< 0.001	1	< 0.1
Chromium	0.25	< 0.001	500	< 0.1
Chromium (6)	0.05	< 0.002	5	< 0.1
Cobalt	0.80	< 0.001	80	< 0.1
Copper	0.25	< 0.001	25	< 0.1
Fluoride	1.80	< 0.01	180	< 1.0
Lead	0.01	< 0.01	5	< 0.1
Mercury	0.002	< 0.0001	0.2	< 0.02
Molybdenum	0.35	< 0.001	350	< 0.1
Nickel	0.10	< 0.001	20	< 0.1
Selenium	0.01	< 0.00001	1	< 0.001
Silver	0.05	< 0.0005	5	< 0.05
Thallium	0.07	< 0.005	7	< 0.05
Vanadium	0.24	< 0.001	24	< 0.1
Zinc	0.50	< 0.001	250	< 0.1

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