



experience,
trust, service

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HEALTH, SAFETY & ENVIRONMENTAL COMPLIANCE

Garnet

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

The *costs of complying* with 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 toxic metals regulated by California’s Title 22 hazardous waste standards. Our garnet, imported from Australia and India, contains none of the listed metals.

Compare our garnet with the alternatives. Consider the choices. Our garnet - assurance of minimum exposure and minimum risk.

- REPORT OF ANALYSIS -				
California Waster Extraction Test - Sec. 66700				
Name	TOTAL CONTENT		SOLUBLE CONTENT	
	Allowable	Our Garnet	Allowable	Our Garnet
Antimony	0.05%	< 0.01%	15 mg/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	< 0.10
Chromium	0.25	< 0.001	500	< 0.10
Chromium (+6)	0.05	< 0.002	5	< 0.10
Cobalt	0.80	< 0.001	80	< 0.10
Copper	0.25	< 0.001	25	< 0.1
Fluoride	1.80	< 0.01	180	< 1.0
Lead	0.10	< 0.01	5	< 0.1
Mercury	0.002	< 0.0001	0.2	< 0.02
Molybdenum	0.35	< 0.001	350	< 0.1
Nickel	0.20	< 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	< 0.01
Zinc	0.50	< 0.001	250	< 0.1

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WARNING: Silicosis Warning - Breathing dust from silica sand causes silicosis, a fatal lung disease. Breathing dust during blasting operations may also cause asbestosis and/or other serious or fatal diseases. A NIOSH approved, well-maintained air-supplied respirator should be used by anyone blasting, anyone handling or using the sand and anyone in the area of the dust. Harmful dust can remain suspended in the air for long periods of time after the blasting has ceased causing serious injury or death.



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