

PRODUCT : MAGFILL

MATERIAL SAFETY DATA SHEET

SECTION I

Manufacturer's name : Les Sables Olimag inc.	Telephone No : (418) 338-3562 Fax No : (418) 338-9100 Email : info@olimag.com
Address : 163, Pie XI Street, C.P. 276, - Thetford Mines (Quebec) Canada G6G 5T1	
Chemical name & synonyms : Synthetic Olivine	Trade name & synonyms : Magfill – Olimag - Jetmag
Chemical family : Magnesium silicates	
MINERAL ANALYSIS :	% IN WEIGHT
ELEMENTS	
Enstatite (Mg SiO ₃)	30 %
Forsterite (Mg SiO ₄)	55 %
Magnesio - ferrite (MgFe ₂ O ₄)	10 %
Magnemite - hematite (Fe ₂ O ₃)	5 %
TOTAL	100 %

SECTION II - Hazardous Ingredients

The MAGFILL does not contain hazardous ingredients in the ordinary meaning of the Canadian law on hazardous ingredients

SECTION III - Physical data

Boiling point (°F) Aggregate	None	Specific gravity (H ₂ O = 1)	2,9
Vapour pressure (mmHg)	n / a	% volatile by volume	0 %
Vapour density (air = 1)	n / a	evaporation rate (_____ = 1)	0 %
Solubility in water	0 %		
Appearance and odour	light	to dark brown - no odour	

SECTION IV - Fire & explosion hazard data

Flash point (method used)	n / a	Flammable limits	Lel	Uel
Extinguishing media	n / a		n / a	n / a
Special fire fighting procedures	n / a			
Usual fire and explosion hazards	none			

SECTION V - Health hazard data

Threshold limit value :	10mg/M ³ 5mg/M ³ (S-2.1,	total dust breathable dust r. 15, Quebec)
Effects of overexposure aid procedures : MAGFILL sand is a calcined magnesium silicate used for various applications, with various size particles that may lodge in the eye. Standard medical procedures should be used.		

SECTION VI - Reactivity data

Stability aggregate	unstable		conditions to avoid : none
	stable	X	
Incompatibility (materials to avoid) acidic products : Resins that use acid for catalyst should be used only as described in the guideline			
Hazardous decomposition products : none			
Hazardous polymerisation	may occur		conditions to avoid : none
	will not occur	X	

SECTION VII - Spill or leak procedures

Steps to be taken in case material is released or spilled : none necessary
Clean by any method
Waste disposal method : standard procedure for sand or aggregate

SECTION VIII - Special protection information

Respiratory protection (specify type) : Respirator, if working with sand and particles under 200 mesh				
Ventilation Normal	local exhaust	n/a	special	n/a
	mechanical (general)	n/a	other	n/a

SECTION IX - Uses

Refractory sand as E.B.T. Tap hole filler, Backing sand and Laddle insulator
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