

LIGHTWEIGHT CERAMIC PROPPANT

TRADE NAME: Fores MgLight[®] (40/70, 30/50 and 20/40 Mesh Sizes)

SYNONYM(S): Ceramic proppant

Manufacturer: Fores LLC, 21, Frunze street, 620142, Yekaterinburg, Russia

Tel./fax: +7 343 257 1191, +7 343 257 4150, +7 343 257 3348, +7 343 257 8578

Fores MgLight[®] COMPONENT INFORMATION

INGREDIENTS	CAS NUMBER	% WEIGHT	OSHA PEL-TWA	ACGIH-TWATLV
Magnesium iron silicate	1317-71-1	5 – 10	5 mg/m ³ (MFR)	10 mg/m ³ (MFR)
Magnesium silicate	1343-88-0	50 – 60	15 mg/m ³	10 mg/m ³
Silicon Dioxide (Amorphous as glass)	7631-86-9	30 – 40	20 MPPCF	10 mg/m ³

Fores MgLight[®] PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	N/A
Melting Point:	3700 °F
Vapor Pressure (mmHg):	N/A
Vapor Density (Air=1):	N/A
Specific Gravity (H ₂ O=1):	2.2-3.4
Evaporation Rate (Butyl Acetate=1):	N/A
Solubility in Water:	Insoluble
Appearance and Odor:	Appearance of black or brown granules.

Fores MgLight[®] FIRE AND EXPLOSION HAZARD DATA

Flash Point:	Non flammable.
Flammable Limits in air, % :	Lower: N/K; Upper: N/K.
Extinguishing Media:	Use extinguishing agent suitable for type of surrounding fire.
Special Fire Fighting Procedures:	N/K.
Unusual Fire and Explosion Hazards:	INORGANIC, NON-HAZARDOUS.

Fores MgLight[®] REACTIVITY DATA

Stability:	stable.
Hazardous Polymerization:	will occur.
Conditions to avoid:	N/A.
Materials to avoid:	N/A.
Hazardous decomposition products:	N/A.

Fores MgLight[®] HEALTH HAZARD DATA

Inhalation:	Dust may cause respiratory tract irritation on prolonged contact.
Eye contact:	May cause irritation on contact.

Fores MgLight[®] EMERGENCY AND FIRST AID PROCEDURES

Inhalation:	Remove affected person from source of exposure. Get medical attention if irritation persists.
Ingestion:	No treatment is necessary unless large quantities are ingested. Seek medical advice if large quantities are ingested.
Eye contact:	Immediately flush eyes with large amounts of water. Get medical attention if irritation persists.
Skin contact:	Wash the affected area with soap and water. Get medical attention if irritation persists.

Fores MgLight[®] PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is spilled or released:	Surfaces will become slippery due to the round sand particles. Sweep up spilled material to prevent falls.
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Fores MgLight[®] TOXICITY DATA

Oral:	This material is not toxic.
Dermal:	This Material is not an irritant when applied to the skin.
LC 50:	N/A.
LD 50:	N/A.



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For additional
information, please visit
www.foresltd.com

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