

GENERAL DESCRIPTION

- PRODUCT:** Fine expanded perlite
- DESCRIPTION:** Lightweight, multi-purpose, mixed powder/granular absorbent.
- USES:** Spill kits, bulk liquid waste handling, fuel or storage tank decommissioning.



DRY SIEVE ANALYSIS

US MESH	MICRONS	% RETAINED BY VOL (CUMULATIVE)	% PASSING
No. 16	1190	0	100
No. 70	595	30 – 60	40 – 70

SUPPLEMENTARY INFORMATION

Water-holding capacity

- 40-60% by volume
- Up to 800% by weight

CHEMICAL NAME:	Sodium Potassium Aluminum Silicate
APPEARANCE:	White powder & granules, odorless
LOOSE BULK DENSITY:	3.0 – 7.0 lb/ft ³
pH (OF WATER SLURRY):	Neutral
REFRACTIVE INDEX:	1.5
HARDNESS (MOHS):	5.5
FUSION POINT:	2300 – 2450 °F
FLASH POINT:	Non-flammable
SPECIFIC GRAVITY:	0.4—0.6 approx.
SOLUBILITY:	Negligible in water and weak acids.*

* Soluble in hot concentrated alkali and HF; moderately (less than 10%) in 1N NaOH. Slightly (less than 3%) in mineral acid.

SUPREME PERLITE Enviroperl™ Absorbent consists of mixed fine silt to sand-sized particles less than 1 mm in diameter. The high specific surface area (>300 m²/g), combined with its compatibility with a wide range of substances, makes Enviroperl™ a versatile absorbent for almost all applications. Due to its light weight, it will not add extra weight to combined slurries making it cost-effective to dispose. It is particularly useful where the flammability of other substances concerned. Depending on the situation, it may provide several usages before needing to be disposed.

Expanded perlite is 100% natural, inert, stable, pH-neutral, ultra-lightweight, incombustible and asbestos-free.

Chemical Analysis	%
SiO ₂	74.6
Al ₂ O ₃	13.5
K ₂ O	5.1
Na ₂ O	3.6
CaO	0.9
Fe ₂ O ₃	0.7
MgO	0.1

PACKAGING OPTIONS

- 4 cu. ft. (113 L) paper bags
- 60 cu. ft. super sacks (2.2 yd/1.7 m³)