



MATERIAL SAFETY DATA SHEET

Eurostone Perlite Ceiling Panels

Section I- Supplier Information

Common name: Eurostone, Perlite Ceiling Panels
 Chemical name: Amorphous alumino - silicate mineral
 GAS#: None
 Manufacturer: EMPACOMERCIO S.A. DE C.V.
 Address: Telephone Bahía de Santa bárbara 152, colonia Veronica Anzures México D.F., C.P. 11300.
 México (52) 5355 9215

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Section II - Hazardous Ingredient Information

INGREDIENT	GAS#	OSHA- PEL	ACGIH TLV-IWA	WT% INTILE
Perlite (expanded)	93763-70-3	15 mg/m ³ total 5 mg/m ³ Respirable	10 mg/m ³ total. 3 mg/m ³ Respirable	50-70
Sodium Silicate	1344-09-8	Not established		15-30
Kaolin	1332-58-7	15 mg/m ³ total 5 mg/m ³ Respirable	2 mg/m ³ Respirable	5 - 15

This product may contain crystalline silica (quartz) as an impurity, < 0.5% GAS No. 14808-60-7; CEHA PEL 01 mg/m³ Respirable.

Section III- Physical / Chemical Characteristics

Specific Gravity (water= 1) - 0.36 Vapor pressure (mm Hg) - not applicable Boiling point - not determined
 Vapor density (air = 1) - not applicable Melting point - not determined
 Evaporation rate (Butyl acetate = 1) - not applicable
 Appearance and odor - White odorless lightweight molded panel, 24" x 24" x 7/8" with distinctive surface designs.

Section IV - Fire and Explosion Hazard Data

Flash point nonflammable L.E.L. - not applicable
 Auto ignition not applicable U.E.L. - not applicable
 Extinguishing Media - Does not burn non support combustion, therefore as appropriate for surrounding combustibles. Special fire fighting procedures - none
 Unusual fire & explosion hazard - none
 Note: EUROSTONE All-Environment Ceilings are rated 0-0-0-0 for NO smoke, NO fuel, NO flame spread (ASTM E84 & 1354) and NO toxicity in a fire situation (based on University of Pittsburgh Toxicity Test).

Section V - Reactivity Data

Stability Stable - hazardous polymerization will not occur. None
 Conditions to avoid in designed use.
 Incompatibility None in common use.

Hazardous decomposition products - No hazardous decomposition or by products are expected in normal use. Avoid contact with hydrofluoric acid which may react with Eurostone to form toxic silicon tetrafluoride gas.



Section VI - Health Hazard Data

Routes of entry:	Eyes -yes	Skin - no	Inhalation -yes	Ingestion - yes
Health hazard (acute & chronic)	Skin or eye contact may cause mechanical irritation from abrasion. Long term exposure to silica may cause silicosis a form of pulmonary fibrosis.			
Carcinogenicity	None of the raw materials used to make EUROSTONE (i.e. Perlite, Sodium Silicate, Kaolin) have been classified as a carcinogen by NTP or OSHA. However, crystalline silica (quartz) which is a naturally occurring impurity in Perlite and kaolin and may be present in quantities from 0.0% to 0.5% has been classified as a known human carcinogen, group 1, by IARC. (a unit of the World Health Organization) and by NTP.			
Medical conditions aggravated by exposure:	<p>Pre-existing upper respiratory and lung diseases such as, but not limited to, bronchitis, emphysema and asthma</p> <p>Target organs: Lungs eyes</p> <p>Route of entry: Inhalation, dust contact with eyes</p> <p>Acute health effects: Transitory upper respiratory irritant. May cause coughing or throat irritation.</p> <p>Chronic health effects: Excessive inhalation of any mineral dust can overload the lung clearance mechanism.</p>			

Emergency & First Aid Procedures:

Eye Contact: Flush with copious amounts of clean water to remove particle

Inhalation: Remove to fresh air, blow nose to evacuate dust, drink water to clear throat. Ingestion:

Call physician.

Section VII- Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Sweep up

solids and vacuum dust.

Waste disposal method:

To land fill in accordance with Federal, State, Provincial and local regulations. Can be ground-up and used as soil conditioner depending on local regulations.

Precautions when handling and storing:

Use hand-holds when carrying boxes, store vertically in dry place. Avoid breathing dust, use adequate ventilation

Other precautions:

Use NIOSH approved dust mask and safety eye wear when cutting and installing panels. When possible, avoid using power tools unless they are connected to a dust collector.

Section VIII-Control Measures

Respiratory protection:

Use NIOSH approved dust mask.

Ventilation:

Keep work area adequately ventilated to ensure exposure limits are not exceeded.

Protective gloves and other clothing:

No special requirement.

Eye protection:

Safety glasses or vented goggles.

Work-hygienic practices:

Use good industrial hygiene, wash thoroughly with soap and water before eating, drinking, or using tobacco products.