



PLAINSMAN Clays Limited

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Material Safety Data Sheet

Ravenscrag Slip

Further Physical Properties and Descriptive Literature is Available on Request or On Our Web Site

Section 1 - Product Identification and Use

Product Identifier: Dry Clay/Mineral Blend	Product Identification Number (PIN): Ravenscrag Slip
Product Use: Glaze Ingredient	

Section 2 - Hazardous Ingredients

Hazardous Ingredient	%	CAS Number	LD ₅₀ of Ingredient	LC ₅₀ of Ingredient
*Respirable Free Silica (Quartz)	10-15	14808-60-7	N/A	N/A
See Attached: None	Note: Free Silica is not a hazard in moist form, it is only a hazard if clay is dry and dust is generated.			

Section 3 - Physical Data

Physical State: Solid	Physical Properties Not Applicable:
Odour and Appearance Light tan powder	Odour Threshold, Vapour Pressure & Density, Evaporation Rate, Boiling Point, Freezing Point, pH, Specific Gravity, Coeff. Water/Oil Dis.

Section 4 - Fire and Explosion Data

Flammability: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Consider dust as Non-Flammable and Non-Explosive
Non-Applicable Data: Means of Extinction, Flashpoint and Method, Autoignition Temperature, Upper Flammable Limit, Lower Flammable Limit, Hazardous Combustion Products, Sensitivity to Impact, Sensitivity to Static Discharge	Products of Decomposition During Kiln Burning: Carbon Monoxide, Carbon Dioxide and possible traces of Sulfur Dioxide. Vent kiln during firing.

Section 5 - Reactivity Data

Chemical Stability: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Conditions of Instability: None
Incompatibility with Other Substances <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Incompatible Substances: None
Reactivity, and Under What Conditions: Inert and Non-Reactive	
Hazardous Decomposition Products: See section 4	

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Section 6 - Toxicological Properties

Route of Entry: Skin Contact Skin Absorption Eye Contact Inhalation Ingestion

Effect of Acute Exposure to Product: A nuisance dust. See Chronic Effects

Effects of Chronic Exposure to Product:

Long term exposure to respirable free silica in concentrations higher than recommended TLV may cause lung injury.

Exposure Limits

TLV = 0.1 mg/m³ respirable dust

Irritancy of Product

Mechanical Irritant Only

Synergistic Products

Tobacco smoke will increase lung damage

Non-Applicable Properties

Sensitization, Carcinogenicity, Teratogenicity, Reproductive Toxicity, Mutagenicity

Section 7 - Preventive Measures

Personal Protective Equipment

Gloves (Specify): Not Req'd

Respirator (Specify): Approved Respirator where TLV exceeded

Eye (Specify): Safety glasses for comfort only

Footwear (Specify): Not Req'd

Clothing (Specify): Not Req'd

Other (Specify): None

Engineering Controls (Specify):

Local exhaust or other ventilation that will reduce dust concentration to less than permissible exposure limits is recommended

Leak and Spill Procedure:

If clay is moist, no special precautions required. If dry, clean up and collect, minimizing excessive dust generation.

Waste Disposal:

By approved method.

Handling Procedures and Equipment:

If clay is dry, controls should be used to maintain "free" silica dust exposure levels below TLV.

Storage Requirements:

No special requirements.

Special Shipping Information:

Not required.

Section 8 - First Aid Measures

Specific Measures

Skin - Wash with water

Eyes - Flush with running water until material is removed

Section 9 - Preparation Data of MSDS

Prepared by

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Date

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