

MSDS



1. General

Produit : Mine tailing
Code : MIAUSM0410ADM
Usage : Abrasive
Description : Natural stone

Les Minéraux Harsco
1200, route des Acières
Contrecoeur QC Canada, J0L 1C0
Service technique : 450-780-0707

2. Hazardous ingredients (expressed as oxide)

Ingrédients	%	CAS	* RSST treshold
Amorphous silica	39 - 55	7631-86-9	0,1 mg/m ³
Aluminium oxide	15 - 28	1344-28-1	10 mg/m ³
Steel oxide (III)	7 - 11	1309-37-1	5 mg/m ³
Magnesium oxide	4 - 6	1309-48-4	10 mg/m ³
Calcium oxide	2 - 7	1305-78-8	2 mg/m ³
Sodium monoxide	1.97	12401-86-4	N/D
Potassium monoxide	2.76	12136-45-7	N/D
Manganese monoxide	<1%	1344-43-0	N/A
Phosphorus pentoxide	<1%	1314-56-3	N/A
Chrome oxide (III)	<1%	1308-38-9	0,5 mg/m ³

*Regulations on health and safty

3. Physical data

Physical state :	Solid	Density :	2.9-3.05
Odor :	N/A	Odor treshold :	N/A
Vapor pressure :	N/A	Vapor density :	N/A
% Volatility :	N/A	pH :	7 à 8,5
Boiling point :		N/A	
Water/oil repartition :		N/A	
Color :		Dark grey/brown	
Melting point :		1315 °C, 2400 °F	

4. Reactivity

Chemical stability :	Non-flammable product
Chemical incompatibility :	N/D
Reactivity :	N/A
Hazardous decomposition products :	N/A

5. Fire and explosion data

Flash point :	N/A
Upper explosive limit :	N/A
Lower explosive limit :	N/A
Auto ignition temperature:	N/A
Flammability conditions :	Non-flammable
Dangerous combustible products :	N/A
Explosivity conditions :	N/A
Explosivity -hits :	N/A
Explosivity-electrostatic :	N/A
Extinction :	N/A
Special methods :	N/A

6. Toxicology

Routes of entry :	Airway
Acute exposure effects :	Caught
Chronic exposure effects :	Respiratory problems
Irritancy :	Irritation to eyes and airway
Product sensibility :	N/A
Carcinogenicity :	N/A
Exposure limits :	10 mg/m ³ total dust, 5 mg/m ³ respirable dust

7. Preventives measure

Preventives measures :	Well ventilate when manipulating
Security equipment :	Wear glasses to avoid dust reach the eyes and a mask for high rates of dust.

8. First aid

Eyes :	Rinse with water. Consult a doctor if irritation persists
Skin :	Wash with soap and water . IF there is irritation after contact with the product, consult a doctor.

10. Redaction

Prepared by :	Les Minéraux Harsco
Service :	Technical service CERD
Date :	October 11, 2013

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