

ARMOURCOAT LIMITED

Material Safety Data Sheet

MARBLE CHIPS

Section 1

Suppliers Name: Armourcoat Limited	Emergency Telephone Number: 0044 1732 460668
Address: Morewood Close, London Road, Sevenoaks, Kent. TN13 2HU United Kingdom	Telephone Number for Information: 0044 1732 460668
	Date Prepared: 20.04.00

Section 2 – Hazard Ingredients / Identity Information

Hazardous Components	OSHA PEL*	ACGIH TLV*	Other Limits Recommended	%
No Hazard Classification according to 88/379/EEC			-	-
Dolomite respirable dust	4mg/cu m 8hr TWA		-	-
Dolomite total inhalable dust	10mg/cu m 8hr TWA		-	-
Dolomite are naturally occurring minerals typically containing 96-99% Calcium Magnesium Carbonate CaMg(CO ₃) ₂ . The total Quartz (free Crystalline Silica) content is less than 1% by mass as determined by XRD. No other form of free Crystalline Silica (e.g. Cristobalite or Tridymite) has been detected by XRD.				

Section 3 – Physical / Chemical Characteristics

Boiling Point	-	Specific Gravity (H ₂ O = 1)	2.80
Vapor Pressure (mmHg.)	As water	Melting Point	-
Vapor Density (Air = 1)	-	Evaporation Rate (Butyl Acetate = 1)	-
Solubility in Water	Virtually insoluble pH 10.0 (10% slurry)		
Appearance and Odor	White powder.		

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Section 4 – Fire & Explosion Hazard Data

Flash Point Method Used:	Flammable Limits Non Flammable	LEL -	UEL -
Extinguishing Media:			
Unusual Fire and Explosion Hazards			

Section 5 – Reactivity Data

Stability	Unstable		Conditions to Avoid Will form Carbon Dioxide on strong heating or by reaction with acids
	Stable	X	
Incompatibility (Materials to Avoid)			
None.			
Hazardous Decompositions or Byproducts			
Carbon Dioxide on strong heating or reaction with acids.			
Hazardous Polymerization	May occur		Conditions to Avoid
	Will not occur	X	

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Section 6 – Health Hazard Data

Route (s) of Entry:	Inhalation? X	Skin? X	Ingestion? X
Health Hazards (Acute and Chronic) Dolomites are of low acute toxicity, but prolonged exposure to any mineral dust could cause respiratory problems. Dolomites however are regarded as being non toxic.			
Carcinogenicity: -	NTP? -	IARC Monographs? -	OSHA Regulated? -
Signs and Symptoms of Exposure: -			
Medical Conditions Generally Aggravated by Exposure: 			
Emergency and First Aid Measures: Eye: Flush with clean water. Skin: Wash with soap and water. Prolonged contact could cause dryness of skin. Breathing: Remove to fresh air. Swallow: Non toxic, non-corrosive. No treatment necessary. IF ANY SYMPTOMS DEVELOP, SEEK MEDICAL ADVICE.			

Section 7 – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Avoid creating dust. Collect by vacuum cleaning, or hose away with plenty of water. Wet dolomites on floors can be a slipping hazard.

Waste Disposal Method: Dolomites can be disposed of as non-toxic waste in approved sites in accordance with local regulations.
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Precautions to Be Taken in Handling and Storing:

Use appropriate controls to avoid creating dust.

Store in a dry, covered area.

Ecological Data:

Non biodegradable.

Bioaccumulation – Not assimilated

Aquatic Toxicity – Negligible

Section 8 – Control Measures

Respiratory Protection: **None**

Ventilation

Local Exhaust

Special

Avoid inhaling dust

(If spraying)

Mechanical (General)

Other

Protective Gloves

Eye Protection

X

Other Protective Clothing or Equipment:

Provide eyewash. Skin protection required for those with sensitive skins.

Work / Hygienic Practices:

Maintain good standards of Industrial hygiene

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Appendix

Material Safety Data Sheet used in compliance with the OSHA's Hazard Communication Standard.

OSHA PEL – Occupational Safety & Health Administration Permissible Exposure Limit.

ACGIH TLV – American Conference of Governmental Industrial Hygienists Tolerable Level Value

NTP – National Toxicology Program

FSI – Flame Spread Index

SDI – Smoke Developed Index

BS – British Standard