

MATERIAL SAFETY DATA SHEET

(cosh35)

1. Identification of the preparation/Supplier reference

Trade Name **RM1041 PETALITE / LEPEDOLITE**

Chemical name Sodium, potassium and lithium, aluminium silicates

Synonyms

Supplier Scarva Pottery Supplies, Unit 20, Scarva Rd Ind Est, Banbridge,
Co Down, BT32 3QD

Emergency +44 (0) 28 4066 9699. E-mail: david@scarvapottery.com
numbers

2. Composition

Component	CAS	EINECS	% of composition
Complex mixtures of Naturally occurring silicates		refer to summary	100%

3. Health Hazard Identification

Inhalation Excessive exposure may cause symptoms of chronic lung disease

Ingestion The product is of low solubility in body fluids and it is likely to be
of low acute toxicity

Eyes May cause physical irritation and inflammation

Skin May cause irritation and inflammation

4. First Aid Measures

Inhalation Remove patient to fresh air, loosen tight clothing and seek medical
attention

Ingestion Do not induce vomiting, seek medical advice

Eyes Wash immediately with copious amounts of water

Skin Wash affected areas with water

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5. Fire Fighting Measures

Extinguishing Media	The material is not combustible and no threat to the surrounding fire conditions
Special Exposure hazard	None
Personal protective equipment	None other than required for surrounding fire conditions

6. Accidental Release Measures

Leaks & Spills	Collect dry material by wet sweeping or vacuum with an efficient particular filter
Personal protective equipment	Respiratory protective equipment

7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material
Storage	Store in dry area

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards prEN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Odourless powder
Flash point (°C)	Not applicable
Flammability	-
Explosive properties	Non explosive
Oxidising properties	Non oxidising
Specific gravity	2-4 typically
pH value	8 typically
Melting point (°C)	Starting at approximately 1150°C

10. Stability & Reactivity

Chemical stability	The material is stable under normal conditions
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerization products	None

11. Toxicology Information

Acute toxicology	
Health effects	Prolonged or repeated exposure above occupational exposure limits may cause fibrosis of the lungs

12. Ecological information

Ecotoxicity	No specific information available
Persistence	The material is insoluble in water

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.	Not classified	
UN Class	Not classified	
Packing group	Not classified	
Road	UK	Not classified
	ADR	Not classified
Sea	IMO	Not classified
Air		Not classified
	ICAO	

15. Regulatory information

EC Supply Labelling	Non hazardous		
R-Phrases	None		
S-Phrases	Optional for dusty powders S20/21 when using do not eat drink or smoke S38 in case of insufficient ventilation wear suitable respiratory equipment		
UK Occupational exposures limits*	Mg/m ³	8 hr TWA	% in product
Dusts - total inhalable	10		--
Dusts - total respirable	5		--

* refer to HSE Guidance note EH40

In accordance with HSE Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk

16. Other information

Summary per product

Ref	Description	Colour	CAS	EINECS
RM1041	Petalite	White	1302-06-5	

References

COSHH ACOP	HSC approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994
CHIP 96	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996
CHIP SDS ACOPS	HSC Approved Code of Practice for Safety data Sheets in accordance with regulation 6 of the CHIP regulations
HSE EH40	HSE Guidance note EH40 on Occupational Exposure Limits to be used in conjunction with the COSH regulations

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Footnote

LIABILITY

Such information is the best of Scarva Pottery Supplies knowledge and belief accurate at the date of publication, which is the date generated automatically on the day of printing of this document. However, no representation, warranty of guarantee is made as to its accuracy, reliability of completeness. It is the user's responsibility to satisfy itself as to the suitability and completeness of such information for their own particular use.

THIRD PARTY MATERIALS

Insofar as materials not manufactured or supplied by Scarva Pottery Supplies are used in conjunction with, or instead of Scarva Pottery Supplies materials, it is the responsibility of the customer itself to obtain from the manufacturer or supplier all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of Scarva Pottery Supplies materials in conjunctions with other materials.

17. National Legislation

UK Legislation

SI1993/1746 Chemicals (Hazard Information and Packaging) Regulations 1993

Environmental Protection (Duty of Care) regulations 1992 SI 2839

Carriage of Dangerous goods by Road and Rail Regulations 1994

Control of pollution Act 1974

Environmental Protection Act 1990

Highly Flammable Liquids and Petroleum Spirit Regulations 1972

EH40 Occupational Exposure Limits

SI1988/1657 The Control of Substances Hazardous to Health Regulations

Note - This is not an exhaustive list and users should satisfy themselves that they comply with all relevant National Regulations

Important notes

Design CHIP-002

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Further reference can be made to our standard terms and conditions of sale, a copy of which is available on request.

17 August 2006