

## MATERIAL SAFETY DATA SHEET (cosh35)

### 1. Identification of the preparation/Supplier reference

Trade Name **Feldspar Products**

**P3292 P3296 P3299 P3314 P3316 P3317 P3332 P3333**  
**P3339 P3349 P3357**

Chemical name Sodium, potassium and lithium, aluminium silicates

Synonyms

Supplier Pottery crafts Ltd, Campbell Road, Stoke on Trent ST4 4ET, UK

Emergency numbers 01782 745000 - internet lab@pottery crafts.co.uk

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### 2. Composition

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

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### 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

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### 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

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## 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

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## 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

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## 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.

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## 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

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## 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

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## 11. Toxicology Information

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

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## 12. Ecological information

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

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## 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.

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## 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	ICAO	Not classified

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## 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 <sup>3</sup> 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

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## 16. Other information

### Summary per product

Ref	Description	Colour	CAS	EINECS
P3292	Nepheline syenite (L)	Grey white	68476-25-5	270667
P3296	Feldspar potash (Norfloat)	Off white	68476-25-5	270667
P3299	Basalt	Buff	68476-25-5	270667
P3314	Cornish stone	White	7631-86-9	2315454
P3316	Feldspar potash (fff)	Pale pink	68476-25-5	270667
P3317	Feldspar soda	Off white	68476-25-5	270667
P3332	Nepheline syenite (nc)	Grey white	64876-25-5	270667
P3333	Petalite	White	1302-06-5	
P3349	Mineral flux No.4	White		
P3357	Spodumene	Fawn	12068-40-5	2350986

### References

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

### Footnote

#### LIABILITY

Such information is the best of PotteryCrafts Ltd' s 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 PotteryCrafts Ltd are used in conjunction with, or instead of PotteryCrafts Ltd 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 PotteryCrafts Ltd materials in conjunctions with other materials.

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## 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.

29 October 2012