



SAFETY DATA SHEET

Premium

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME	Premium
SYNONYMS, TRADE NAMES	Kaolin, Halloysite Clay
APPLICATION	A functional filler.
SUPPLIER	Imerys Minerals New Zealand Imerys Tableware Asia Limited 14 Bentinck Street, Private Bag 93 007 New Lynn Auckland New Zealand +64 (0)9 827 6095 +64 (0)9 827 3134 tableware.asia@imerys.com
EMERGENCY TELEPHONE	+64 (0)9 827 6095

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
CRISTOBALITE	238-455-4	14464-46-1	<10%	-
KAOLIN	310-127-6	1332-58-7	.	-
QUARTZ	238-878-4	14808-60-7	<5%	-

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

Kaolin is a natural material that consists of variable proportions of various minerals, including Halloysite, Kaolinite, Quartz and Cristobalite. Imerys Tableware New Zealand Limited products consist primarily of halloysite with minor amounts of other natural minerals. A proportion of the quartz may become available in the respirable fraction. The level of exposure to respirable silica will depend on the actions performed on the product during handling and use. Exposure levels should, therefore, be measured during use, in comparison to relevant occupational exposure limits, as exposure cannot be determined from bulk product analysis.

3 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

PHYSICAL AND CHEMICAL HAZARDS

Wet substance spillage can constitute a slipping hazard.

HUMAN HEALTH

Long term exposure to any respirable mineral dust could cause effects in the respiratory system.

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

Rinse mouth thoroughly. Get medical attention if any discomfort continues.

SKIN CONTACT

Wash skin with soap and water.

EYE CONTACT

Rinse with water. Contact physician if discomfort continues.

5 FIRE-FIGHTING MEASURES

Premium

EXTINGUISHING MEDIA

The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Avoid discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Collect spillage by vacuum cleaning or other means whereby dust creation is minimised. Mix slurry with dry, inert, absorbent solid and collect for disposal.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid handling which leads to dust formation.

STORAGE PRECAUTIONS

Store in a dry covered area.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
CRISTOBALITE	WEL		0.1 mg/m3 resp.dust		
KAOLIN	WEL		2.0 mg/m3 resp.dust		
QUARTZ	WEL		0.1 mg/m3 resp.dust		

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of dust.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION

Wear approved safety goggles. Contact lenses should not be worn when working with this product.

HYGIENE MEASURES

Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Powder		
COLOUR	White		
ODOUR	Almost odourless		
BOILING POINT (°C)	SluRy 100	BULK DENSITY	0.75 kg/m3
pH-VALUE, CONC. SOLUTION	SluRy 3.5 - 4.5		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

Premium

11 TOXICOLOGICAL INFORMATION

GENERAL INFORMATION

This product has low toxicity. Only large volumes may have adverse impact on human health.

INHALATION

Dust may irritate respiratory system or lungs.

INGESTION

No harmful effects expected in amounts likely to be ingested by accident.

SKIN CONTACT

Prolonged contact may cause dryness of the skin.

EYE CONTACT

Particles in the eyes may cause irritation and smarting.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

LC 50, 96 Hrs, FISH mg/l >100

EC 50, 48 Hrs, DAPHNIA, mg/l >1

IC 50, 72 Hrs, ALGAE, mg/l >100

MOBILITY

The product is insoluble in water.

BIOACCUMULATION

The product does not contain any substances expected to be bioaccumulating.

DEGRADABILITY

The product is not biodegradable.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

This mineral can be disposed of as a non toxic/inactive material in approved landfill sites in accordance with local regulations.

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15 REGULATORY INFORMATION

RISK PHRASES

NC Not classified.

SAFETY PHRASES

P13 Safety data sheet available for professional user on request.

UK REGULATORY REFERENCES

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 1988.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

16 OTHER INFORMATION

REVISION DATE

01/12/2004

REV. NO./REPL. SDS GENERATED 3

Premium

RISK PHRASES IN FULL

NC Not classified.

DISCLAIMER

The information contained in this Safety Data Sheet supersedes all previous such sheets and is based upon the Company's current knowledge at the date of preparation. It is given in good faith, without any warranty, expressed or implied, regarding its correctness or completeness. The conditions or methods of handling, storage, use or disposal of the product are beyond our knowledge.

It is the sole responsibility of the user to take all precautions required in handling the product.

The information contained in this Material Safety Data Sheet does not constitute an assessment of workplace risks.