



**SAFETY DATA SHEET
QUICSEAL 714
NON SLIP AGGREGATE**

1. INFORMATION OF THE SUBSTANCE/COMPOUND AND THE SUPPLIER

Product Name: QUICSEAL 714
Product Use: Non slip aggregate.

Details of the supplier:

*QUICSEAL CONSTRUCTION CHEMICALS PTE LTD
No. 7 Eunos Avenue 8A
Eunos Industrial Estate
Singapore 409460*

Emergency Contact No.: (65) 6742 4466

2. HAZARDS IDENTIFICATION

GHS Classification

This product is not classified as hazardous according to GHS criteria.

GHS Label Elements and Precautionary Statements

This product does not require a hazard warning label in accordance with GHS criteria.

Other hazards which do not result in classification

No specific dangers known, if the regulation/notes for storage and handling are considered.
May be irritating to eyes and respiratory tract in a closed confined area.
No chronic hazard is expected when good industrial and personal hygiene is practiced.

3. COMPOSITION / INFORMATION ON INGREDIENTS

CHARACTERISCTIC CHEMICAL DATA OF THE PRODUCT	EINECS	CAS NO.
Aluminium oxide	215-691-6	1344-28-1
Titanium dioxide	236-675-5	13463-67-7

Components

This product does not contain hazardous components in concentrations higher than the concentration limit according to the GHS Classification of Chemicals.

OTHER INGREDIENTS (AVERAGE VALUES)	BFA	BFA- micro	WFA	WFA- micro	PFA
Aluminium oxide	95,65%	95,77%	99,73%	99,69%	99,30%
Titanium dioxide	2,42%	2,79%	-	-	-

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4. FIRST-AID MEASURES

General Information

Seek medical advice at the occurrence of a health disorder.

Eye Contact

In case of contact with eyes, immediately flush with clean, low-pressure water for at least 15 minutes. Hold eyelids open to ensure adequate flushing. Seek medical attention.

Skin Contact

Remove contaminated clothing. Wash contaminated areas thoroughly with soap and water or with waterless hand cleanser. Obtain medical attention if irritation or redness develops.

Inhalation

Remove person to fresh air. If person is not breathing, provide artificial respiration. If necessary, provide additional oxygen once breathing is restored if trained to do so. Seek medical attention immediately.

Ingestion

DO NOT INDUCE VOMITING. Do not give liquids. Obtain immediate medical attention. If spontaneous vomiting occurs, lean victim forward to reduce the risk of aspiration. Monitor for breathing difficulties. Small amounts of material which enter the mouth should be rinsed out until the taste is dissipated.

5. FIRE-FIGHTING MEASURES

General Fire Hazards

The product is non-flammable. If material is involved in fire, do not breathe fumes.

Suitable Fire-extinguishing Media

Use the appropriate fire extinguishing media for surrounding fire (water, foam, dry powder, CO₂)

Further information

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions and Protective equipment

Avoid contact with skin and eyes, and dust formation; Use protective clothing (gloves, goggles) and safety equipment.

Environmental Precautions

None known.

Methods and materials for containment and cleaning up

Collect mechanically and dispose of according to regulations.

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7. HANDLING AND STORAGE

Handling

Handle in accordance to good industrial hygiene and safety practices (i.e. gloves, goggles, and safety equipment should be used when handling chemicals; do not eat, drink, smoke when handling product). Wash hand thoroughly before eating and drinking. Any accidental contact with the product must be washed with clean water.

Storage

Store product protected in a dry place

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Personal protective equipment

Respiratory protection:

Generally no personal respiratory protection is needed.

In case of inadequate ventilation or exceeding of the workplace exposure limits, a protective breathing mask must be worn.

Hand protection:

Glove material: leather.

Eye protection:

Safety goggles with side shield (frame goggles) (e.g. EN 166)

General safety and hygiene measures:

Hands and/or face should be washed before breaks and at the end of the shift. Avoid contact with skin and eyes.

Do not eat, drink, smoke or sniff while working.

Remove soiled or soaked clothing immediately.

Use appropriate skin protection products.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid
Appearance:	Edged
Color:	White, Brown, Pink
Odour:	Odourless
Density	Approx. 4.0
Water Solubility:	Insoluble in water
Flashpoint:	Not determined, as the product is not flammable
Melting Point:	Approx. 2,000 °C
Ignition Temperature:	Not determined, as the product is not flammable

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10. STABILITY AND REACTIVITY

Condition to Avoid

In case of appropriate use, there are no known conditions to be avoided.

Materials to Avoid

In case of appropriate use, no hazardous reactions are to be expected.

Hazardous Decomposition Products

In case of appropriate use, there are no known hazardous decomposition products.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

No information available on product.

Sensitivity (Skin, Respiratory Tract)

No information available on product.

Toxicity at Repeated Intake / Absorption (sub-acute, sub-chronic and chronic)

Alumina oxide is not known for toxicity.

CMR Effects (carcinogenic, mutagenic and reprotoxic effects)

According to IFA-Test Certificate, no carcinogenic effects have been identified.

Other Information

Aluminium oxide: LD 50 > 5000 mg*kg – 1 (rats, oral).

12. ECOLOGICAL INFORMATION

The following ecological assessment is based on the available ecotoxicity information of the product's components.

Ecotoxicity

No ecological problems are to be expected if Alumina Oxide is handled and used correctly.

Fish Toxicity, Aquatic Invertebrates and Plants

There are no harmful effects on water organisms.

Mobility

According to current experiences, this product is not soluble in water.

Persistence and Degradability

According to current experiences, this product is inert and degradable.

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13. DISPOSAL CONSIDERATIONS

Substance / Preparation

Alumina Oxide

Recommendation

Contact the company about recycling of the used Alumina Oxide.

Packaging / Contaminated Packaging

Packaging with Alumina Oxide residue in the paper bag or in the big bag can be recycled.

Cleaned Packaging

Cleaned packaging can be used again or be recycled.

14. TRANSPORT INFORMATION

This product is classified as NON-HAZARDOUS under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

15. REGULATORY INFORMATION

Labelling requirements according to EEC Directives

This product is not subject to labeling in accordance with EEC Directives.

Handle in accordance with good industrial hygiene and safety practice.

National legislation/regulations

According to the data available to us, the product is not hazardous under the relevant Singapore Legislation.

16. OTHER INFORMATION

The information and data contained herein are believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since QUICSEAL Construction Chemicals Pte. Ltd. cannot know all of the uses to which its products may be put or the conditions of use; it makes no warranties concerning the fitness or suitability of its products for a particular use of purpose.

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