



**SAFETY DATA SHEET
QUICSEAL 529 – PART A
EXPO COAT**

1. IDENTIFICATION OF THE PRODUCT AND THE SUPPLIER

Product Name: QUICSEAL 529 (PART A)
Product Use: Expo Coat

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:

Skin Irritation – Category 2
Eye Irritation – Category 2B
Acute Toxicity (Inhalation) – Category 4

GHS LABEL ELEMENTS

Symbol(s)



Signal Word

Warning

Hazard Statements

H315: Causes skin irritation.
H320: Causes eye irritation.

Precautionary Measures

Prevention

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P264: Wash hands and forearms thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

QUICSEAL CONSTRUCTION CHEMICALS PTE LTD

No. 7 Eunos Avenue 8A Eunos Industrial Estate Singapore 409460 Tel: (65) 6742 4466 Fax: (65) 6741 4666

Website: www.quicseal.com Co.Reg. No.: 198201286W



Response

P302+P352: IF ON SKIN: Wash with plenty of water.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

3. COMPOSITION / INFORMATION ON INGREDIENTS

This product contains the following components classified as hazardous:

COMPONENTS	CAS No.	EINECS No.	Index No.	Percentage
Polymer	--	--	--	> 20 %
Filler / Pigment	--	--	--	< 60 %
Additives	--	--	--	< 10 %

4. FIRST-AID MEASURES**Eye Contact:**

Rinse eyes thoroughly with water for at least 15 minutes, including under lids, to remove all particles. Seek medical attention for abrasions and burns.

Skin Contact:

Wash with cool water and a pH neutral soap or a mild skin detergent. Seek medical attention for rash, burns, irritation, dermatitis, and prolonged unprotected exposures to wet product, cement mixtures or liquids from wet cement.

Inhalation:

Move person to fresh air. Seek medical attention for discomfort or if coughing or other symptoms do not subside.

Ingestion:

Do not induce vomiting. If conscious, have person drink plenty of water. Seek medical attention or contact poison control center immediately.

Note to Physician:

Pls. see Section 11 for the details on the potential health effects of this product.

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5. FIRE-FIGHTING MEASURES

Chemical/Combustion Hazard

Carbon monoxide, and incomplete combustion products.

Suitable Fire-extinguishing Media

Use extinguishing media appropriate for surrounding fire (water log, foam, dry chemicals or CO₂).

Precaution/Personal Protection Equipment

Containers exposed to intense heat from fires should be cooled with water to prevent vapour pressure build-up resulting in container rupture.

6. ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedure

Evacuate unnecessary personnel. Dike and contain. Remove/extinguish ignition source. Wear appropriate personal protection equipment. Place spilled materials in sealed/marked containers for disposal. Use water for final cleanup. Do not allow material to enter drainages or waterways.

7. HANDLING AND STORAGE

Safe Handling Procedure

Avoid direct contact. Avoid ignition source. For outdoor use only.

Safety Storage

Keep container closed when not in use. Store away from ignition source.

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls

Use with adequate ventilation to avoid high vapor concentration.

Personal Protective Equipment (PPE)

Respiratory Protection

Under ordinary conditions no respiratory protection is required. Wear a NIOSH-approved respirator that is properly fitted and is in good condition when exposed to dust above exposure limits.

Eye Protection

Wear ANSI-approved glasses or safety goggles when handling the dry powder or wet product to prevent contact with eyes. Wearing contact lenses when using the product, under dusty conditions, is not recommended.

Skin Protection

Wear gloves, boot covers and protective clothing impervious to water to prevent skin contact. Do not rely on barrier creams, in place of impervious gloves. Remove clothing and protective equipment that becomes saturated with wet product and immediately wash exposed areas.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Appearance:	Various Colors
Flash Point:	Not Applicable
Water Solubility:	Miscible in water
Solid Content:	55 %
Specific Gravity	Approx 1.25

10. STABILITY AND REACTIVITY

Stability

The product is stable in normal conditions of use and storage.

Hazardous Polymerization

Will not occur.

Condition and Materials To Avoid

Not known

Hazardous Decomposition Product

Not known in normal application.

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11. TOXICOLOGICAL INFORMATION

This product is not considered a carcinogen.

12. ECOLOGICAL INFORMATION**Elimination information**

This product is non-biodegradable and is not expected to create environmental hazard unless dumped in massive quantities.

13. DISPOSAL CONSIDERATIONS

This preparation is not classified as special waste under the Singapore control of pollution. Consult local regulation before disposal.

14. TRANSPORT INFORMATION**Hazardous / Non-hazardous Material**

Not regulated by domestic ground shipment.

15. REGULATORY INFORMATION

Not classified as dangerous under current regulation.

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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**SAFETY DATA SHEET
QUICSEAL 529 – PART B
EXPO COAT**

1. IDENTIFICATION OF THE PRODUCT AND THE SUPPLIER

Product Name: QUICSEAL 529 (PART B)
Product Use: Expo Coat (Hardener)

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:

Skin Irritation – Category 2
Eye Irritation – Category 2B
Acute Toxicity (Inhalation) – Category 4

GHS LABEL ELEMENTS

Symbol(s)



Signal Word

Warning

Hazard Statements

H315: Causes skin irritation.
H320: Causes eye irritation.

Precautionary Measures

Prevention

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P264: Wash hands and forearms thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

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Response

P302+P352: IF ON SKIN: Wash with plenty of water.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

3. COMPOSITION / INFORMATION ON INGREDIENTS

This product contains the following components classified as hazardous:

COMPONENTS	CAS No.	EINECS No.	Index No.	Percentage
Aliphatic Polyisocyanate	--	--	--	> 50 %
Additives	--	--	--	< 50 %

4. FIRST-AID MEASURES**Eye Contact:**

Rinse eyes thoroughly with water for at least 15 minutes, including under lids, to remove all particles. Seek medical attention for abrasions and burns.

Skin Contact:

Wash with cool water and a pH neutral soap or a mild skin detergent. Seek medical attention for rash, burns, irritation, dermatitis, and prolonged unprotected exposures to wet product, cement mixtures or liquids from wet cement.

Inhalation:

Move person to fresh air. Seek medical attention for discomfort or if coughing or other symptoms do not subside.

Ingestion:

Do not induce vomiting. If conscious, have person drink plenty of water. Seek medical attention or contact poison control center immediately.

Note to Physician:

Pls. see Section 11 for the details on the potential health effects of this product.

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5. FIRE-FIGHTING MEASURES

Chemical/Combustion Hazard

Carbon monoxide, and incomplete combustion products.

Suitable Fire-extinguishing Media

Use extinguishing media appropriate for surrounding fire (foam, dry chemicals or CO₂) (WATER NOT SUITABLE).

Precaution/Personal Protection Equipment

Containers exposed to intense heat from fires should be cooled with water to prevent vapour pressure build-up resulting in container rupture.

6. ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedure

Evacuate unnecessary personnel. Dike and contain. Remove/extinguish ignition source. Wear appropriate personal protection equipment. Place spilled materials in sealed/marked containers for disposal. Use water for final cleanup. Do not allow material to enter drainages or waterways.

7. HANDLING AND STORAGE

Safe Handling Procedure

Avoid direct contact. Avoid ignition source. For outdoor use only.

Safety Storage

Keep container closed when not in use. Store away from ignition source.

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls

Use with adequate ventilation to avoid high vapor concentration.

Personal Protective Equipment (PPE)

Respiratory Protection

Under ordinary conditions no respiratory protection is required. Wear a NIOSH-approved respirator that is properly fitted and is in good condition when exposed to dust above exposure limits.

Eye Protection

Wear ANSI-approved glasses or safety goggles when handling the dry powder or wet product to prevent contact with eyes. Wearing contact lenses when using the product, under dusty conditions, is not recommended.

Skin Protection

Wear gloves, boot covers and protective clothing impervious to water to prevent skin contact. Do not rely on barrier creams, in place of impervious gloves. Remove clothing and protective equipment that becomes saturated with wet product and immediately wash exposed areas.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Vapour Density	> 1
Flash Point:	45 C
Water Solubility:	Miscible in water
Solid Content:	55 – 60 %
Specific Gravity	Approx 1.15

10. STABILITY AND REACTIVITY

Stability

The product is stable in normal conditions of use and storage.

Hazardous Polymerization

Will not occur.

Condition and Materials To Avoid

Reacts with alcohols, amines, bases, water and aqueous solutions, protic solvents with release of CO₂ and risk of a pressure buildup in confined area.

Hazardous Decomposition Product

CO₂ and Nitrogen Oxides.

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11. TOXICOLOGICAL INFORMATION

This product is not considered a carcinogen.

12. ECOLOGICAL INFORMATION**Elimination information**

This product is non-biodegradable. May be harmful to environment.

13. DISPOSAL CONSIDERATIONS

This preparation is not classified as special waste under the Singapore control of pollution. Consult local regulation before disposal.

14. TRANSPORT INFORMATION

UN Number : 3272
Class : 3
Packaging : iii

15. REGULATORY INFORMATION

Classification/Symbol	Irritant / Xi
Classification/Symbol	Flammable / F
Classification/Symbol	Dangerous for the environment (no symbol)

16. OTHER INFORMATION

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**SAFETY DATA SHEET
QUICSEAL 529 – PART C
EXPO COAT**

1. IDENTIFICATION OF THE PRODUCT AND THE SUPPLIER

Product Name: QUICSEAL 529 (PART C)
Product Use: Expo Coat (Slip Additive)

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:

Carcinogenicity – Category 1

GHS LABEL ELEMENTS

Symbol(s)



Signal Word

Danger

Hazard Statements

H350: May cause cancer.

Precautionary Measures

Prevention

P201: Obtain special instructions before use,

P202: Do not handle until all safety precautions have been read and understood.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response

P308+P313: If exposed or concerned: Get medical advice/attention.

Storage

P405: Store locked up.

Disposal

P501: Dispose of contents/container in accordance with Singapore regulations.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

This product contains the following components classified as hazardous:

COMPONENTS	CAS No.	EINECS No.	Index No.	Percentage
Silicon Dioxide	7631-86-9	--	--	> 70 %

4. FIRST-AID MEASURES

Eye Contact:

Rinse eyes thoroughly with water for at least 15 minutes, including under lids, to remove all particles. Seek medical attention for abrasions and burns.

Skin Contact:

Wash with cool water and a pH neutral soap or a mild skin detergent. Seek medical attention for rash, burns, irritation, dermatitis, and prolonged unprotected exposures to wet product, cement mixtures or liquids from wet cement.

Inhalation:

Move person to fresh air. Seek medical attention for discomfort or if coughing or other symptoms do not subside.

Ingestion:

Do not induce vomiting. If conscious, have person drink plenty of water. Seek medical attention or contact poison control center immediately.

Note to Physician:

Pls. see Section 11 for the details on the potential health effects of this product.

5. FIRE-FIGHTING MEASURES

Suitable Fire-extinguishing Media

Use extinguishing media appropriate for surrounding fire (water fog, foam, dry chemicals or CO₂).

6. ACCIDENTAL RELEASE MEASURES

Avoid creating dust. In case of dust over regulatory limits, wear a personal respirator in compliance with national legislation. Avoid dry sweeping and use water spraying or ventilated vacuum cleaning system to prevent dust formation.

7. HANDLING AND STORAGE

Safe Handling Procedure

Avoid direct contact. Avoid ignition source. For outdoor use only.

Safety Storage

Dry and covered conditions recommended. Store the bag in a way preventing accidental bursting.

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls

Provide appropriate exhaust ventilation and filtering at the place where dust can be generated.

Personal Protective Equipment (PPE)

Respiratory Protection

Under ordinary conditions no respiratory protection is required. Wear a NIOSH-approved respirator that is properly fitted and is in good condition when exposed to dust above exposure limits.

Eye Protection

Wear ANSI-approved glasses or safety goggles when handling the dry powder or wet product to prevent contact with eyes. Wearing contact lenses when using the product, under dusty conditions, is not recommended.

Skin Protection

Wear gloves, boot covers and protective clothing impervious to water to prevent skin contact. Do not rely on barrier creams, in place of impervious gloves. Remove clothing and protective equipment that becomes saturated with wet product and immediately wash exposed areas.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Powder
Appearance:	White
Water Solubility:	Negligible
Solid Content:	Not Applicable
Specific Gravity	Not Applicable

10. STABILITY AND REACTIVITY

Stability

The product is chemically stable in normal conditions of use and storage.

Hazardous Polymerization

Will not occur.

Condition and Materials To Avoid

No particular incompatibility.

Hazardous Decomposition Product

None known.

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11. TOXICOLOGICAL INFORMATION**Ingestion**

Not regard as harmful by ingestion.

Inhalation

Prolonged and/or massive exposure to respirable crystalline silica-containing dust may cause silicosis, a nodular pulmonary fibrosis caused by the deposition in the lungs of the respirable particles of crystalline silica.

Skin Contact

Not harmful but need to wash hand after handling.

Eye Contact

Will cause transient discomfort and irritation.

12. ECOLOGICAL INFORMATION**Elimination information**

This product is non-biodegradable.

13. DISPOSAL CONSIDERATIONS

This preparation is not classified as special waste under the Singapore control of pollution. Consult local regulation before disposal.

14. TRANSPORT INFORMATION

No special packaging requirements. Not classified as dangerous goods under the United Nation Transport Recommendations.

15. REGULATORY INFORMATION

Not classified as dangerous under current regulation.

16. OTHER INFORMATION

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