



**SAFETY DATA SHEET
QUICSEAL 172
Q-STOP PU**

1. IDENTIFICATION OF THE SUBSTANCE/COMPOUND AND THE SUPPLIER

Product Name: QUICSEAL 172 Q-Stop PU
Product Use: Polyurethane Resin for Injection

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:

Respiratory sensitizer – Category 1
Carcinogenicity – Category 2
Specific target organ toxicity after repeated exposure – Category 2

GHS LABEL ELEMENTS

Symbol(s):



Signal Word

Danger

Hazard Statements:

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H351: Suspected of causing cancer.
H373: May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements:

Prevention

P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P284: (In case of inadequate ventilation) Wear respiratory protection.

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Response

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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

P314: Get medical advice/attention if you feel unwell.

P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor

Storage

P405: Store locked up.

Disposal

P501: Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION / INFORMATION ON INGREDIENTS

This product contains the following components classified as hazardous:

COMPONENTS	CAS No.	EINECS No.	Percentage
DIPHENYLMETHANE-4,4'-DI-ISOCYANATE	101-68-8	202-966-0	30 – 60 %
DIPHENYLMETHANEDIISOCYANATE-Isomers homologues	9016-87-9	--	30 – 60 %

4. FIRST-AID MEASURES**Inhalation**

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

Ingestion

DO NOT induce vomiting. Get medical attention immediately. Immediately rinse mouth and provide fresh air.

Skin Contact

Wash skin thoroughly with soap and water. Promptly wash contaminated skin with water. Promptly remove clothing if soaked through and wash the skin with water. Get medical attention if irritation persists after washing.

Eye Contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

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5. FIRE-FIGHTING MEASURES**Extinguishing Media**

Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

Special Fire Fighting Procedures

Avoid breathing fire vapours. NOTE! Use air-supplied respirators to protect against gases/fumes.

Protective Measures In Fire

Wear full protective clothing.

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions**

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

Environmental Precautions

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

Spill Clean Up Methods

Absorb spillage with non-combustible, absorbent material. Collect with absorbent, non-combustible material into suitable containers. Use sealed containers for reclamation or dispose of at a licensed hazardous waste collection point. Avoid contact with water.

7. HANDLING AND STORAGE

Keep away from heat, sparks and open flame.

Keep containers tightly closed.

Store in tightly closed original container in a dry and cool place.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs	STEL - 15 Min	Notes
DIPHENYLMETHANE-4,4'-DI-ISOCYANATE	0.02mg/m ³		0.07mg/m ³	
DIPHENYLMETHANEDIISOCYANATE- Isomers homologues	0.02mg/m ³		0.07mg/m ³	

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Personal Protective Equipment



Process Conditions

Provide eyewash station.

Engineering Measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory Equipment

In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with combination filter (type A2/P3).

Hand Protection

Use protective gloves made of: Nitrile. Rubber (natural, latex). Rubber, neoprene or PVC.

Eye Protection

Wear approved safety goggles.

Hygiene Measures

Wash hands after contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Brown-amber liquid
Colour	Amber
Odour:	Characteristic
Relative Density	1.16 25
Viscosity	300 - 550 Cp 25
Flash Point (°C)	>180

10. STABILITY AND REACTIVITY

Stability

Stable under normal temperature conditions and recommended use.

Conditions to Avoid

Avoid heat, flames and other sources of ignition. Water and moisture.

Materials to Avoid

No specific or groups of materials are likely to react to produce a hazardous situation.

Hazardous Decomposition Products

None under normal conditions

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11. TOXICOLOGICAL INFORMATION

Inhalation

Not relevant at normal room temperatures. When heated, toxic vapours may be formed.

Ingestion

May cause discomfort if swallowed. Irritating. May cause nausea, stomach pain and vomiting.

Skin Contact

May cause sensitisation by skin contact.

Eye Contact

Irritation of eyes and mucous membranes.

Route Of Entry

Inhalation. Ingestion. Skin and/or eye contact.

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.

Mobility

No data available

Bioaccumulation

No data available on bioaccumulation.

Degradability

No data available.

13. DISPOSAL CONSIDERATIONS

General Information

Waste to be treated as controlled waste.

Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

Disposal Methods

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID). No transport warning sign required.

Environmentally Hazardous Substance/Marine Pollutant

No

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15. REGULATORY INFORMATION

EU Directives

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC including amendments.

Statutory Instruments

Control of substances hazardous to health.

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No.716).

Approved Code of Practice

Safety Data Sheets for Substances and Preparations.

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

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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