

MATERIAL SAFETY DATA SHEET

CONTITE G600

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name	Contite G600
Product Use	A hydrogel for shutting off heavy water leakages with high tensile adhesion to wet & dry substrates
Company Name	Cormix International Ltd.
Address	89 Romklao Road, Minburi District, Sansab Subdistrict, Bangkok 10510 Thailand
Contact no.	Tel: +66 2 917 3955-8 Fax: +66 2 917 3959, 543 8891
Other Information	<p>This MSDS summarizes at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Cormix International Ltd. cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.</p> <p>If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for product as sold is subject to our standard term and conditions, a copy of which is sent to our customers and is also available upon request.</p>

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization :	Polyurethane blend of di/poly-isocyanate component		
Ingredients :	Name	CAS	Proportion
	Modified diphenylmethan-diisocyanate	101-68-8	70-100 %

3. HAZARDS IDENTIFICATION

Classification	
Classification	Xn, R20 Xi, R36/37/38 R42/43
Hazard symbols	
Xn	Harmful
R phrases	
20	Harmful by inhalation.
36/37/38	Irritating to eyes, respiratory system and skin.
42/43	May cause sensitization by inhalation and skin contact.

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4. FIRST AID MEASURES

General information : Remove soiled or soaked clothing immediately, do not allow to dry.

Eye Contact : In case of contact with the eyes rinse thoroughly with plenty of water or with an eye-cleaning solution. Seek medical aid immediately.

Skin Contact : Remove contaminated clothing. Wash skin thoroughly with soap and water or use suitable cleansing agent.

Inhalation : Remove the casualty into fresh air and keep him calm. In the event of symptoms take medical treatment.

Ingestion : Seek immediately medical advice and show the Material Safety Data Sheet.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media :

Carbon dioxide, dry powder, water spray jet.

Non suitable extinguishing media :

Full water jet.

Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases :

In the event of fire the following can be released : Nitrogen oxides (NO_x); Carbon monoxide (CO).

Special protective equipment for fire-fighting :

In case of combustion use a suitable breathing apparatus. Do not inhale explosion and/or combustion gases.

Other information :

Collect contaminated fire-fighting water separately, must not be discharged into the drains.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use personal protective clothing. Ensure adequate ventilation.

Measures for environmental protection:

Do not allow to enter drainage system or waterways.

Measures for cleaning/collecting:

Pick up rest with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with the regulations.

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7. HANDLING AND STORAGE

Handling :**Advice on safe handling**

Observe the usual precautions for handling chemicals. Keep container tightly closed.

Advice on protection against fire and explosion

No special measures necessary.

Storage :**Hints on storage assembly**

Do not store together with foodstuffs.

Further information on storage conditions

Keep container tightly closed. Protect from atmospheric moisture and water.

Recommended storage temperature

Value < 40 °C

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

General protective and hygiene measures

Keep away from foodstuffs and beverages. Wash hands before breaks and after work.

Occupational exposure controls**Respiratory protection**

Not necessary, but do not inhale vapours. If ventilation insufficient, use a respiratory protection apparatus.

Hand protection

Protective gloves

Appropriate material Nitrile

Material thickness 0.35 mm

Appropriate material PVC

Eye protection

Safety glasses

Skin protection

Clothing as usual in the chemical industry.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state :	liquid
Colour :	clear yellowish
Odour :	product-specific
Flash point :	> 100°C
Density at 20°C :	1.09 - 1.12 g/cm ³
Viscosity at 25°C:	approx. 350-650 mPa.s

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10. STABILITY AND REACTIVITY

Materials to avoid

Exotherms reaction with isocyanates.

Hazardous decomposition products

No hazardous decomposition products known.

Thermal decomposition

Remarks No decomposition if used as prescribed.

11. TOXICOLOGICAL INFORMATION

Effects after repeated or prolonged exposition (subacute, subchronic, cronic)**Other information**

Product specific toxicological data are not known.

12. ECOLOGICAL INFORMATION

Genral information / ecology

Do not allow to enter soil, waterways or waste water canal. Ecological data area are not available.

13. DISPOSAL CONSIDERATIONS

Disposal recommendations for the product :

Allocation if a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging :

Completely emptied packagings can be given for recycling.

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

14. TRANSPORT INFORMATION

Land transport ADR/RID ***

Non-dangerous goods.

Marine transport IMDG/GGVSee ***

The product does not constitute a hazardous substance in sea transport.

Air transport ICAO/IATA ***

The product does not constitute a hazardous substance in air transport.

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15. REGULATORY INFORMATION

Labelling in accordance with EC directives

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Hazard symbols

Xn Harmful

Hazardous component(s) to be indicated on label

Contains modified diphenylmethandiisocyanate; m-Toluene diisocyanate

R phrases

- 20 Harmful by inhalation
36/37/38 Irritating to eyes, respiratory system and skin
42/43 May cause sensitization by inhalation and skin contact

S phrases

- 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
24 Avoid contact with skin.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
37 Wear suitable gloves.
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
60 This material and its container must be disposed of as hazardous waste.

Special labelling for certain preparations

Contains isocyanates. Observe manufacture's instructions.

VOC

VOC (EU) 0 %

16 OTHER INFORMATION

Other information

Alterations/supplements : Alterations to the previous edition are marked with an asterisk (*) in the left hand margin

R-phrases of the ingredients listed in chapter 2

- 20 Harmful
26 Very toxic by inhalation
36/37/38 Irritating to eyes, respiratory system and skin
40 Limited evidence of a carcinogenic effect
42/43 May cause sensitization by inhalation and skin contact
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in aquatic environment

Contact Person/Point Technical Support: +66 2 917 3955-8

Disclaimer

*For general safety and handling information please refer to **Cormix International Ltd.** The information shown is based on our experience to date and is true to the best of our knowledge. Any recommendations or suggestions made are without any guarantee. No responsibility is accepted that the information herein is sufficient or correct in all cases.*