

MATERIAL SAFETY DATA SHEET

CONFLEX PS PRIMER

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name	Conflex PS Primer
Product Use	Polyisocyanate primer for prepare surfaces before apply joint sealant
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 summaries 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>

www.cormix.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization : A solvent base ed aromatic polyisocyanate primer for preparing surfaces,particularly concrete,before apply joint sealant

Ingredients:	Name	CAS	Proportion
	Aliphatic polyisocyanate	28182-81-2	20-30%
	Toluene	108-88-3	70-80 %

3. HAZARDS IDENTIFICATION

Health Hazards : Slightly Irritating to respiratory system.Harmful by inhalation.Vapour may cause drowsiness and dizziness.May cause moderate irritation to skin. Repeated exposure may cause skin dryness or cracking.Irritating to eye.Harmful: may cause lung damage if swallowed.Possibility of organ or organ system damage from prolonged exposure

Symptoms and the skin : Contact with the liquid irritate the eyes and skin.

Material Safety Data Sheet: CONFLEX PS PRIMER

4. FIRST AID MEASURES

Eye Contact :	Immediately flush eyes with large amount of water for at least 15 minutes while holding eyelids open. Transport to nearest medical facility for additional treatment.
Skin Contact :	Remove containing clothing. Immediately flush skin with large amounts of water for at least 16 minutes followed by washing with soap and water if available.
Ingestion :	If swallowed, do not induce vomiting. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
Inhalation :	Remove affected person to fresh air. If symptoms persist, obtain medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media :	Foam or water spray or fog. Dry chemical powder, carbon dioxide,
Not to be used :	Water jet.
Special Hazards of Product :	Spreads along the ground and distant ignition is possible.

6. ACCIDENTAL RELEASE MEASURES

Spillages / Leakages :	Absorb with suitable material like sand, earth. Shut off all possible sources of ignition. Remove unprotected personnel from the area. Collect impregnated absorbent in clearly labeled unsealed containers for disposal as per statutory regulations. Clean area where spill occurred.
-------------------------------	---

7. HANDLING AND STORAGE

Handling :	Remove ignition sources. Avoid sparks. Electrostatic charges may be generated during pumping. Ensure electrical continuity bonding and grounding.
Storage :	Keep away from sunlight, ignition sources and other source of heat. Keep away from aerosols, flammables, oxidizing agents, corrosive and from other flammable.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits :	No exposure limit is available for the material as such. Exposure limit for the hazardous components are as follows: <ul style="list-style-type: none">- Toluene : TLV / TWA : 100ppm, TLV / STEL : 150ppm- Polyisocyanates : TLV / TWA : 0.005ppm
Engineering Control :	Use local exhaust ventilation. Use flameproof equipment and measures. Isolate all potential sources of ignition.
Personal Protective Equipment :	Use PPE recommended national Standard
Hands Protection :	Wear gloves approved to relevant standards (e.g. Europe : EN374, US : F739)

*Material Safety Data Sheet: CONFLEX PS PRIMER***8. EXPOSURE CONTROLS, PERSONAL PROTECTION (Cont.)**

Eyes Protection :	Chemical splash goggles.
Industrial Hygiene :	Wash hands before breaks and after finishing work. Do not eat, drink or smoke at workplace.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance :	Liquid
Colour :	Clear
Odour :	Solvent Odour
pH Value :	5.5-6.5
Flash Point :	< 35°C
Mg/Boiling Point :	Not applicable
Melting Point :	Not applicable
Autoflammability :	Not applicable
Explosion Limits :	Not applicable
Thermal Decomposition :	Not applicable
Density :	0.90-0.95 Kg/m ³
Vapour Pressure :	Not applicable
Solubility in Water :	Insoluble

10. STABILITY AND REACTIVITY

Hazardous Reaction :	At high temperatures, strong oxidizing agent
Hazardous Decomposition :	Complex mixture of airborne solids, liquids and gases, including carbon monoxide, carbon dioxide will be evolved when this material undergoes combustion or thermal or oxidative degradation..

11. TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components

Eye-human : 300 ppm, Inhalation-man :TCLo:100 ppm(Center Nervous effects)

Eye-rabbit: 100mg(severe irritant),Inhalation-human :TCL 0.5ppm(Nose and pulmonary effects)

12. ECOLOGICAL INFORMATION

Mobility :	Float on water
Persistence/degradability :	Readily biodegradable meeting the 10 days window criterion.
Bioaccumulative potential :	Product is not expected to bioaccumulate.
Ecotoxicity :	Product may be harmful to aquatic organisms.

Material Safety Data Sheet: CONFLEX PS PRIMER

13. DISPOSAL CONSIDERATIONS

Product Disposal : Arrange for disposal via a license waste contractor.
Container Disposal: Dispose of containers with care.
Do not puncture , cut or weld unclean drums.

14. TRANSPORT INFORMATION

UN	UN number	1294
ADR/RID :	Proper shipping name	Not classified
ADR/RID :	class	3
IMDG:	class	3
IATA:	Proper shipping name	Not classified
IATA:	Class	3

15. REGULATORY INFORMATION

Labeling : N/A
Symbol: Xn,F
R Phrases (s) R11 : Highly flammable.
R20 : Harmful by inhalation.
S Phrases (s) S16 : Keep away from source of ignition
S25 : Avoid contact with eyes.
S33: Take precautionary measures against static discharges.

16 OTHER INFORMATION

Restictions on use recommended by the manufacturer

Use only according to the Technical Information of the product.

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.*