
1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME : D325 PU Sealant
USE : Industrials.
PRODUCT TYPE : Polyurethane sealant
CHEMICAL FAMILY : Polyurethane
SUPPLIER : Dunlop Adhesives (Thailand) Limited
ADDRESS : 700/242 Moo1 Bankao Sub-District, Panthong
District Chonburi Province 20160
CONTACT NUMBERS : Tel : (038)465 661-2, Fax : (038)465 663

2. HAZARDS IDENTIFICATION

2.1. Classification of the mixture

Classification according to Regulation (EC) No 1272/2008

This product is classified as dangerous/irritant according to EU Directives-(EC) No.1272/2008.

Eye Irrit. 2
Skin Irrit. 2
Acute Tox. 4

2.2. Label Elements



Labeling according to Regulation EC No 1272/2008 (CLP)
Contains isocyanates. May produce an allergic reaction

Hazard Statements

H332: Harmful if inhaled.
H319: Causes serious eye irritation.
H315: Causes skin irritation.
H302: Harmful if swallowed.
H312: Harmful in contact with skin

Precautionary Statements

P102: Keep out of reach of children.
P280: Wear protective gloves and eye protection/face protection.
P271: Use only outdoors or in a well-ventilated area
P305+351+338:
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do continue rinsing

P337+313: If eye irritation persists get medical advice/attention
P501: Dispose of contents/container to manufacturer/competent authority
P362: Take off contaminated clothing and wash before reuse
P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	C.A.S No.	% by Wt
Diphenylmethane-4,4-diisocyanate	101-68-8	<0.1
Xylene	1330-20-7	1 - 5
Ethylbenzene	100-41-4	1 - 5
Calcium Oxide	1305-78-8	1 - 5
Distillate Petroleum Light	64742-47-8	1 - 5
3-glycidyoxypropyl-trimethoxysilane	2530-83-8	0 - 1

4. FIRST AID MEASURES

4.1. In case of eye contact:

Hold the eyes open and rinse with preferably lukewarm water for a sufficiently long period of time (at least 10 minutes) Seek medical advice.

4.2. In case of skin contact:

Wipe off. Wash affected areas with soap and plenty of water. If irritation persists, seek medical advice.

4.3. If swallowed:

Do not induce the patient to vomit. Rinse mouth. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Seek medical advice.

4.4. If inhaled:

Take the person into the fresh air. Seek medical advice.

5. FIRE FIGHTING MEASURES

5.1. Special protective equipment/procedures:

A self-contained respirator and protective clothing should be worn. Mask and chemical resistant personal protective equipment should be used. Determine the need to evacuate or isolate the area according to your local emergency plan.

5.2. Hazards during fire fighting

No data available

5.3. Suitable extinguishing media:

Water fog (if unavailable fine water spray), foam, dry chemical or carbon dioxide can be used.

5.4. Unsuitable extinguishing media:

No data available

5.5. Hazards combustion products:

No data available .

6. ACCIDENTAL RELEASE MEASURES

6.1. Spill / Leak:

Avoid contact with. Ventilate the area with fresh air. Stop the leak if there is no risk.

6.2. Personal precautions:

Use personal protective equipment (protective gloves, work clothes and glasses) Provide adequate ventilation. Smoking is prohibited.

6.3. Methods for cleaning up:

Clean away leakage mechanically; Cover leakage with damp absorbent material (eg: sawdust, sand). After 1 hour, collect in a waste container. Do not close (it develops carbon dioxide). Keep humid and leave for many days in the open air, in a controlled area. Further disposal by incineration in accordance with local laws in force.

6.4. Environment related measures:

Collect the resulting residue containing solution. Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible. Prevent the spilled material to leak and contact with garbage, canals and sewage. If the product has caused environmental pollution (sewers, waterways, soil or air), inform the relevant authorities.

7. HANDLING AND STORAGE

7.1. Usage:

Avoid contact with eyes and skin. Wear appropriate personal protective equipment. Avoid breathing of vapors. While using this product do not eat, drink or smoke. Ensure good ventilation. Keep in original container, tightly close the container used. Do not burn the product container.

7.2. Storage:

Store in accordance with local regulations. Store away from heat sources and foodstuffs, beverages and food. Keep container tightly closed. Store in a cool, dry place. (between +5°C +25°C)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Personal Protection Equipment Eyes:

Avoid eye contact. Safety goggles should be worn.

Skin: Avoid skin contact. Chemical resistant gloves should be worn. Recommended: Butyl rubber/nitrile rubber gloves. Respiratory: Avoid breathing of vapors. Respiratory protection should be used.

In case of long-term interactions, fresh air mask should be used.

8.2. Hygiene Measures:

Avoid contact with eyes. Especially in confined places, make sure you have proper ventilation. Follow good industrial hygiene and safety practice. Especially before eating, drinking or smoking, wash hands. While using the product, do not drink, eat or smoke.

8.3. Environmental exposure controls: Refer to section 6 and 12.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Paste
Odor : Characteristic
Color : Grey and various colors

Important Health, Safety and Environmental Information:

Specific Gravity : 1.15 ± 0,03 g/cm³
Boiling Point : no data available
Melting Point : no data available
Vapor Pressure : no data available
Inflammation : no data available
Water Solubility : insoluble, reacts with water

10. STABILITY AND REACTIVITY

10.1. Chemical Stability:

Stable under normal usage conditions.

10.2. Materials to avoid: Reacts with alcohols and amines. Reacts with water forming carbon dioxide.

10.3. Hazardous Polymerization: Hazardous polymerization will not occur

11. TOXICOLOGICAL INFORMATION

Homologues and Isomers Diphenylmethane diisocyanate

Acute toxicity : Short term oral toxicity. LD₅₀ = 5000 mg/kg(rat)

Skin contact : LD₅₀ = 5000 mg/kg(rat)

Inhalation : LC₅₀ > 0.49 ml/l (rat – 4-hours inhalation)

Irritating action

Irritates eyes. Contact with eyes may cause cornea damage.

Allergies

Prolonged contact with skin may cause an allergic reaction. Prolonged toxicity close to acute and chronic. Vapours inspiration may result in irritation of respiratory system mucous membranes causing cough, breathing difficulties, and headache. Symptoms may appear with delay. Big product quantity may cause sensitization by inhalation. Skin contact causes acute burn.

12. ECOLOGICAL INFORMATION

Biodegradation	Not
Chemical degradation	Not
Bioaccumulation	Not
Agility	Not
Toxicity influence on organisms	Not
Toxicity in water	Not

13. DISPOSAL CONSIDERATIONS

- 13.1. Product Disposal:
Dispose of in accordance with local regulations.
- 13.2. Packing Disposal:
Dispose of in accordance with local regulations.
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14. TRANSPORT INFORMATION

- 14.1. Road/Rail (ADR/RID):
Not subject to ADR/RID
- 14.2. Sea Transport (IMDG):
Not subject to IMDG
- 14.3. Air Transport (IATA):
Not subject to IATA
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15. REGULATORY INFORMATION

- 15.1. Labeling: Irritating
- 15.2. National Legislation/Regulations:
COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)
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16. OTHER INFORMATION

- 16.1. Information Sources:
This SDS is prepared based on the information received from the suppliers.
- 16.2. Full text of H-phrases referred to under sections 2 and 3
- H332: Harmful if inhaled.
 - H319: Causes serious eye irritation.
 - H315: Causes skin irritation.
 - H302: Harmful if swallowed.
 - H312: Harmful in contact with skin
- 16.3. Additional Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, Information and belief at the date of its publication.

The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. It is the responsibility of persons in

**D325 PU Sealant****Safety Data Sheet**

receipt of this Product Safety Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produced a formulation containing the product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Product Safety Data Sheet to their own Product Safety Data Sheet. All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. As stated above, this Safety Data Sheet has been prepared in compliance with applicable European law. If you purchase this material outside Europe, where compliance laws may differ, you should receive from your local suppliers a SDS applicable to the country in which the product is sold and intended to be used. Please note that the appearance and content of the SDS may vary—even for the same product between different countries, reflecting the different compliance requirements.
