



D230 ULTRABOND ADHESIVES

Safety Data Sheet

Rev01, 16 Jan 2019

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME : D230 ULTRABOND ADHESIVES
USE : Instructions Bonding
PRODUCT TYPE : Hybrid Adhesive
CHEMICAL FAMILY : Termination siloxane Based Adhesive
SUPPLIER : Dunlop Adhesives (Thailand) Limited
ADDRESS : 700/242 Moo1 Bankao Sub-District, Panthong
District Chonburi Provice 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 not classified as dangerous according to EU Directives-(EC) No.1272/2008.

2.2. Label Elements

Labeling according to Regulation EC No 1272/2008 (CLP)

This product is not subject to classification according to EU Directives-(EC) No.1272/2008.

Contains Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate, methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate,3-(Trimethoxysilyl)-1-propanamine,. May cause eye irritation. Evolves methanol during cure.

3. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL ENTITY	CAS NO.	PROPORTION
Vinyltrimethoxysilane	2768-02-7	<2

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:
Collect as much of the spilled material as possible.
Clean up residue with an appropriate solvent selected by a qualified and authorized person.
Ventilate the area with fresh air.
 - 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.
-



D230 ULTRABOND ADHESIVES

Safety Data Sheet

Rev01, 16 Jan 2019

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 to +25°C)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Engineering Controls:

No data available for the mixture

8.2. 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.

8.3. 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.

8.4. Environmental exposure controls:

Refer to section 6 and 12.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Paste
Odor	:	Slight odor
Color	:	White
Important Health, Safety and Environmental Information:		
Specific Gravity	:	1,52 ± 0,03 g/cm ³
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 methanol.

10.3. Hazardous Polymerization:

Hazardous polymerization will not occur

11. TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity

Substrate	Cas No	Exposure	Parameter	Method	Value	Exposure Time	Species	Value Determination
Vinyltrimethoxysilane	2768-02-7	Dermal	LD ₅₀		3200 mg/kg		Rabbit	Literature/Supplier
		Oral	LD50		7120-7236 mg/m3		Rat	Literature/Supplier
		By inhalation (gas/vapour)	LD50		16.8 mg/m3	4 hrs.	Rat	Literature/Supplier

11.2 Corrosion/Irritation

Substrate	Cas No	Exposure Type	Parameter	Method	Exposure Time	Species	Value Determination
Vinyltrimethoxysilane	2768-02-7	Eyes	No irritating			Rabbit	Literature/Supplier

11.3 Sensitization

Substrate	Cas No	Exposure Type	Parameter	Method	Exposure Time	Species	Value Determination
Vinyltrimethoxysilane	2768-02-7	Skin	No irritating			Rabbit	Literature/Supplier

11.4 Carcinogenicity

No data available for the mixture.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION : Not regarded dangerous for the environment.



D230 ULTRABOND ADHESIVES

Safety Data Sheet

Rev01, 16 Jan 2019

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.
-

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
-

15. REGULATORY INFORMATION

- 15.1. Labeling:
Not classified as dangerous.
 - 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)
-

16. OTHER INFORMATION

- | | | |
|-------------------------|---|---|
| SDS DISTRIBUTION | : | The information in this document should be made available to all who may handle the product. |
| DISCLAIMER | : | This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. |
-