



SAFETY DATA SHEET

TECHBOND[®] PUR 001

1. IDENTIFICATION OF THE SUBSTANCE / MANUFACTURER

Product name : TECHBOND[®] PUR 001
Use : Industry. Tack free polyurethane adhesive with thermal cross linking

Manufacturer / supplier : **A.RAYBOND SARL**
1, Rue Alexandre Freund
F - 68300 Saint Louis
Tel : + 33 3 89 89 77 60
Fax : + 33 3 89 89 77 66

Emergency number : +33 3 89 89 77 60

2. COMPOSITION / DATA ON COMPONENTS

Type of product : Polyester / isocyanate
Components inducing hazards : Contains epoxy compounds. See information supplied by the manufacturer.

3. HAZARDS IDENTIFICATION

Can lead to allergy among sensitive people if the product is overcured (> 220°C)



4. FIRST AID MEASURES

| | |
|------------------------------|--|
| <i>General information :</i> | No special measures required. |
| <i>After inhalation :</i> | Seek medical treatment in case of complaints. |
| <i>After skin contact :</i> | After contact with hot melted adhesive, quickly cool down with cold water. In serious cases, seek a medical treatment. |
| <i>After eye contact :</i> | Rinse opened eye for several minutes under running water. Seek medical treatment. |
| <i>After swallowing :</i> | Rinse out mouth. Seek medical treatment. |

5. FIRE FIGHTING MEASURES

| | |
|---|---|
| <i>Suitable extinguishing agents:</i> | CO ₂ , extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam. |
| <i>For safety reasons unsuitable Extinguishing agents :</i> | None. |

6. ACCIDENTAL RELEASE MEASURES

| | |
|---|---|
| <i>Measures for environmental precautions :</i> | No special measure. |
| <i>Measures for cleaning / collecting :</i> | Collect mechanically. Dispose of contaminated material as waste according to item 13. |

7. HANDLING AND STORAGE

| | |
|-------------------|--|
| <i>Handling :</i> | Insure a good ventilation by handling. |
| <i>Storage :</i> | Shelf life : max 6 months at 30°C after part coating |



8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Additional information about design of technical systems :

No further data ; see item 7.

Personal protective equipment :

Breathing equipment :

Not necessary if room is well-ventilated.

Protection of hands :

Protective gloves.

Eye protection :

Safety glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form :

Powder, solid.

Colour :

White.

Odour :

None.

Physical and chemical properties :

Melting point :

~ 115°C

Flash point :

> 200°C

Decomposition temperature :

> 250°C

Flammability :

not defined

PH :

not applicable

Vapor pressure :

not defined

Density :

0.7- 0.9

Solubility in water :

not defined

Viscosity :

not applicable

10. STABILITY AND REACTIVITY

Stability :

No decomposition if used according to specifications.

Dangerous reactions :

No dangerous reactions known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity :

LD50 oral > 2000 mg/kg
Method : 99/45/EC

Eyes & skin irritation :

None
Method : 99/45/EC



12. ECOLOGICAL INFORMATION

Ecotoxicological effects : None.

13. DISPOSAL CONSIDERATIONS

Product recommendation : Remove according to local authority recommendations, e.g. convey to a licensed incinerator .

Uncleaned packaging recommendation : Empty contaminated packaging thoroughly. They can be recycled after thorough and proper cleaning. Disposal must be made according to official regulations

14. TRANSPORT INFORMATION

Land transport ADR/RID (cross-border) :

ADR/RID Class :

Transport / Additional information : Not dangerous good according to international transport regulations.

15. REGULATORY INFORMATION

Designation according to EC guidelines : This product has not been classified. Contains epoxy compounds. See information supplied by the manufacturer. Contains Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate. Can lead to allergic reaction

16. OTHER INFORMATION

This data is based on our current knowledge. However, it shall not constitute a guarantee for any specific product features and shall not established a legally valid contractual relationship.



SAFETY DATA SHEET

TECHBOND[®] PUR 002

1. IDENTIFICATION OF THE SUBSTANCE / MANUFACTURER

| | |
|----------------------------------|---|
| <i>Product name :</i> | TECHBOND [®] PUR 002 |
| <i>Use :</i> | Industry. Tack free polyurethane adhesive with thermal cross linking |
| <i>Manufacturer / supplier :</i> | A.RAYBOND SARL 1, Rue Alexandre Freund F - 68300 Saint Louis Tel : + 33 3 89 89 77 60 Fax : + 33 3 89 89 77 66 |
| <i>Emergency number :</i> | +33 3 89 89 77 60 |

2. COMPOSITION / DATA ON COMPONENTS

| | |
|--------------------------------------|---|
| <i>Type of product :</i> | Polyester / isocyanate |
| <i>Components inducing hazards :</i> | Contains epoxy compounds. See information supplied by the manufacturer. |

3. HAZARDS IDENTIFICATION

Can lead to allergy among sensitive people if the product is overcured (> 220°C)



4. FIRST AID MEASURES

| | |
|------------------------------|--|
| <i>General information :</i> | No special measures required. |
| <i>After inhalation :</i> | Seek medical treatment in case of complaints. |
| <i>After skin contact :</i> | After contact with hot melted adhesive, quickly cool down with cold water. In serious cases, seek a medical treatment. |
| <i>After eye contact :</i> | Rinse opened eye for several minutes under running water. Seek medical treatment. |
| <i>After swallowing :</i> | Rinse out mouth. Seek medical treatment. |

5. FIRE FIGHTING MEASURES

| | |
|---|---|
| <i>Suitable extinguishing agents:</i> | CO ₂ , extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam. |
| <i>For safety reasons unsuitable Extinguishing agents :</i> | None. |

6. ACCIDENTAL RELEASE MEASURES

| | |
|---|---|
| <i>Measures for environmental precautions :</i> | No special measure. |
| <i>Measures for cleaning / collecting :</i> | Collect mechanically. Dispose of contaminated material as waste according to item 13. |

7. HANDLING AND STORAGE

| | |
|-------------------|--|
| <i>Handling :</i> | Insure a good ventilation by handling. |
| <i>Storage :</i> | Shelf life : max 6 months at 30°C after part coating |



8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Additional information about design of technical systems :

No further data ; see item 7.

Personal protective equipment :

Breathing equipment :

Not necessary if room is well-ventilated.

Protection of hands :

Protective gloves.

Eye protection :

Safety glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form :

Powder, solid.

Colour :

Black.

Odour :

None.

Physical and chemical properties :

Melting point :

~ 115°C

Flash point :

> 200°C

Decomposition temperature :

> 250°C

Flammability :

not defined

PH :

not applicable

Vapor pressure :

not defined

Density :

0.7- 0.9

Solubility in water :

not defined

Viscosity :

not applicable

10. STABILITY AND REACTIVITY

Stability :

No decomposition if used according to specifications.

Dangerous reactions :

No dangerous reactions known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity :

LD50 oral > 2000 mg/kg
Method : 99/45/EC

Eyes & skin irritation :

None
Method : 99/45/EC



12. ECOLOGICAL INFORMATION

Ecotoxicological effects : None.

13. DISPOSAL CONSIDERATIONS

Product recommendation : Remove according to local authority recommendations, e.g. convey to a licensed incinerator .

Uncleaned packaging recommendation : Empty contaminated packaging thoroughly. They can be recycled after thorough and proper cleaning. Disposal must be made according to official regulations

14. TRANSPORT INFORMATION

Land transport ADR/RID (cross-border) :

ADR/RID Class :

Transport / Additional information : Not dangerous good according to international transport regulations.

15. REGULATORY INFORMATION

Designation according to EC guidelines : This product has not been classified. Contains epoxy compounds. See information supplied by the manufacturer. Contains Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate. Can lead to allergic reaction

16. OTHER INFORMATION

This data is based on our current knowledge. However, it shall not constitute a guarantee for any specific product features and shall not established a legally valid contractual relationship.



SAFETY DATA SHEET

TECHBOND[®] PUR 005

1. IDENTIFICATION OF THE SUBSTANCE / MANUFACTURER

| | |
|----------------------------------|---|
| <i>Product name :</i> | TECHBOND [®] PUR 005 |
| <i>Use :</i> | Industry. Tack free polyurethane adhesive with thermal cross linking |
| <i>Manufacturer / supplier :</i> | A.RAYBOND SARL 1, Rue Alexandre Freund F - 68300 Saint Louis Tel : + 33 3 89 89 77 60 Fax : + 33 3 89 89 77 66 |
| <i>Emergency number :</i> | +33 3 89 89 77 60 |

2. COMPOSITION / DATA ON COMPONENTS

| | |
|--------------------------------------|---|
| <i>Type of product :</i> | Polyester / isocyanate |
| <i>Components inducing hazards :</i> | Contains epoxy compounds. See information supplied by the manufacturer. |

3. HAZARDS IDENTIFICATION

Can lead to allergy among sensitive people if the product is overcured (> 220°C)



4. FIRST AID MEASURES

| | |
|------------------------------|--|
| <i>General information :</i> | No special measures required. |
| <i>After inhalation :</i> | Seek medical treatment in case of complaints. |
| <i>After skin contact :</i> | After contact with hot melted adhesive, quickly cool down with cold water. In serious cases, seek a medical treatment. |
| <i>After eye contact :</i> | Rinse opened eye for several minutes under running water. Seek medical treatment. |
| <i>After swallowing :</i> | Rinse out mouth. Seek medical treatment. |

5. FIRE FIGHTING MEASURES

| | |
|---|---|
| <i>Suitable extinguishing agents:</i> | CO ₂ , extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam. |
| <i>For safety reasons unsuitable Extinguishing agents :</i> | None. |

6. ACCIDENTAL RELEASE MEASURES

| | |
|---|---|
| <i>Measures for environmental precautions :</i> | No special measure. |
| <i>Measures for cleaning / collecting :</i> | Collect mechanically. Dispose of contaminated material as waste according to item 13. |

7. HANDLING AND STORAGE

| | |
|-------------------|--|
| <i>Handling :</i> | Insure a good ventilation by handling. |
| <i>Storage :</i> | Shelf life : max 6 months at 30°C after part coating |



8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Additional information about design of technical systems :

No further data ; see item 7.

Personal protective equipment :

Breathing equipment :

Not necessary if room is well-ventilated.

Protection of hands :

Protective gloves.

Eye protection :

Safety glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form :

Powder, solid.

Colour :

White.

Odour :

None.

Physical and chemical properties :

Melting point :

~ 110°C

Flash point :

> 200°C

Decomposition temperature :

> 250°C

Flammability :

not defined

PH :

not applicable

Vapor pressure :

not defined

Density :

0.7- 0.9

Solubility in water :

not defined

Viscosity :

not applicable

10. STABILITY AND REACTIVITY

Stability :

No decomposition if used according to specifications.

Dangerous reactions :

No dangerous reactions known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity :

LD50 oral > 2000 mg/kg
Method : 99/45/EC

Eyes & skin irritation :

None
Method : 99/45/EC



12. ECOLOGICAL INFORMATION

Ecotoxicological effects : None.

13. DISPOSAL CONSIDERATIONS

Product recommendation : Remove according to local authority recommendations, e.g. convey to a licensed incinerator .

Uncleaned packaging recommendation : Empty contaminated packaging thoroughly. They can be recycled after thorough and proper cleaning. Disposal must be made according to official regulations

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