

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 01/13/2009

Reviewed on 01/13/2009

1 Identification of substance

- **Product details**
- **Trade name:** PU 225 Wood Flooring Adhesive A
- **Application of the substance / the preparation** Adhesives
- **Manufacturer/Supplier:**
Loba-Wakol LLC
1604 N. Main St.
Kannapolis, N.C. 28081, USA (800) 230-6465
- **Information department:** Industrial Safety Department
- **Emergency information:** Infotrac +1 352 323 3500

2 Composition/Data on components

- **Chemical characterization**
- **Description:** Adhesive
- **Dangerous components:** Void

3 Hazards identification

- **Hazard description:** Not applicable.
- **Information pertaining to particular dangers for man and environment:**
The product does not have to be labelled due to the calculation procedure of international guidelines.
- **Classification system:**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
- **NFPA ratings (scale 0 - 4)**



Health = 0
Fire = 1
Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**
- | | | |
|------------|---|----------------|
| HEALTH | 0 | Health = 0 |
| FIRE | 1 | Fire = 1 |
| REACTIVITY | 0 | Reactivity = 0 |
- **GHS label elements** Void

4 First aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Rinse out mouth and then drink plenty of water.

5 Fire fighting measures

- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

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· **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:** No dangerous substances are released.

7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Eye protection:** Goggles recommended during refilling.

9 Physical and chemical properties

· **General Information**

Form: Pasty
Color: Light beige
Odor: Weak, characteristic

· **Change in condition**

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: 421°C (790°F)

· **Flash point:** 255°C (491°F)

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- **Auto igniting:** *Product is not selfigniting.*
- **Danger of explosion:** *Product does not present an explosion hazard.*
- **Vapor pressure at 20°C (68°F):** *1 hPa (1 mm Hg)*
- **Density at 20°C (68°F):** *1.75 g/cm³ (EN ISO 2811-1)*
- **Solubility in / Miscibility with Water:** *Not miscible or difficult to mix.*
- **Viscosity:**
 - Dynamic at 20°C (68°F):** *200000 mPas (ISO 2555)*

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Dangerous reactions** *No dangerous reactions known.*
- **Dangerous products of decomposition:** *No dangerous decomposition products known.*

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
 - **on the skin:** *No irritant effect.*
 - **on the eye:** *No irritating effect.*
- **Sensitization:** *No sensitizing effects known.*
- **Additional toxicological information:**
The product is not subject to classification according to internally approved calculation methods for preparations:

12 Ecological information

- **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

- **Product:**
- **Recommendation:** *Smaller quantities can be disposed of with household waste.*
- **Uncleaned packagings:**
- **Recommendation:** *Disposal must be made according to official regulations.*

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14 Transport information

- **DOT regulations:**
- **Hazard class:** -
- **Land transport ADR/RID (cross-border):**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -
- **UN "Model Regulation":** -
- **Transport/Additional information:** Not dangerous according to the above specifications.

15 Regulations

- **Sara**
- **Section 355 (extremely hazardous substances):**
None of the ingredient is listed.
- **Section 313 (Specific toxic chemical listings):**
None of the ingredients is listed.
- **TSCA (Toxic Substances Control Act):**
All ingredients are listed or are not required to be listed on the TSCA inventory.
- **Proposition 65**
- **Chemicals known to cause cancer:**
None of the ingredients is listed.
- **Chemicals known to cause reproductive toxicity for females:**
None of the ingredients is listed.
- **Chemicals known to cause reproductive toxicity for males:**
None of the ingredients is listed.
- **Chemicals known to cause developmental toxicity:**
None of the ingredients is listed.
- **Carcinogeny categories**
- **IARC (International Agency for Research on Cancer)**
1318-02-1 Zeolite: Group 3 Vol. 68 1997
- **NTP (National Toxicology Program)**
None of the ingredients is listed.
- **Product related hazard informations:**
The product is not subject to classification.
Observe the general safety regulations when handling chemicals.
The product is not subject to identification regulations according to directives on hazardous materials.
- **Safety phrases:** Keep out of the reach of children.
- **National regulations:**
The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

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- **VOC:**
- **VOC (USA): 0,0 g/l / 0,0 lb/gl**

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing MSDS:** Industrial Safety Department.

· **Contact:** Dr. Thomas Wieland

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)

USA

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1 Identification of substance

- **Product details**

- **Trade name:** PU 225 Wood Flooring Adhesive B

- **Application of the substance / the preparation** Hardening agent/ Curing agent

- **Manufacturer/Supplier:**

Loba-Wakol LLC

1604 N. Main St.

Kannapolis, N.C. 28081, USA

(800) 230-6465

- **Information department:** Industrial Safety Department

2 Composition/Data on components


- **Chemical characterization**

- **Description:** Adhesive

- **Dangerous components:**

9016-87-9 diphenylmethanediisocyanate, isomeres and homologues

50-100%

Danger:  3.4.R/1, 3.2/2, 3.3/2A, 3.4.S/1Warning:  3.1.1/4, 3.8/3

3 Hazards identification

- **Hazard description:**



Xn Harmful

- **Information pertaining to particular dangers for man and environment:**

Harmful by inhalation.

Irritating to eyes, respiratory system and skin.

May cause sensitization by inhalation and skin contact.

Contains isocyanates. See information supplied by the manufacturer.

- **Classification system:**

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

- **NFPA ratings (scale 0 - 4)**



Health = 2

Fire = 1

Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = *2

Fire = 1

Reactivity = 0

- **GHS label elements**



Danger

3.4/1 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

3.2/2 - Causes skin irritation.

3.3/2A - Causes serious eye irritation.

3.4/1 - May cause an allergic skin reaction.

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Trade name: PU 225 Wood Flooring Adhesive B

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**Warning**

3.1/4 - Harmful if inhaled.

3.8/3 - May cause respiratory irritation.

· **Prevention:**

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection/face protection.

In case of inadequate ventilation wear respiratory protection.

· **Response:**

IF ON SKIN: Wash with plenty of soap and water.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Call a **POISON CENTER** or doctor/physician if you feel unwell.

Specific treatment (see label).

If skin irritation occurs: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

If experiencing respiratory symptoms: Call a **POISON CENTER** or doctor/physician.

Take off contaminated clothing and wash before reuse.

Wash contaminated clothing before reuse.

· **Storage:**

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

· **Disposal:**

Dispose of contents/container in accordance with local/regional/national/international regulations.

4 First aid measures

· **General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Immediately remove any clothing soiled by the product.

· **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing:** If symptoms persist consult doctor.

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Trade name: PU 225 Wood Flooring Adhesive B

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5 Fire fighting measures

- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards caused by the material, its products of combustion or resulting gases:**
Formation of toxic gases is possible during heating or in case of fire.
- **Protective equipment:** Wear self-contained respiratory protective device.

6 Accidental release measures

- **Person-related safety precautions:**
Ensure adequate ventilation
Use respiratory protective device against the effects of fumes/dust/aerosol.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.
Protect from frost.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:**
9016-87-9 diphenylmethanediisocyanate, isomers and homologues
PEL Short-term value: C 0.2 mg/m³, C 0.02 ppm
REL Short-term value: C 0.2* mg/m³, C 0.02* ppm
Long-term value: 0.05 mg/m³, 0.005 ppm
* 10min
TLV 0.051 mg/m³, 0.005 ppm
- **Additional information:** The lists that were valid during the creation were used as basis.

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- **Personal protective equipment:**
- **General protective and hygienic measures:**
 Keep away from foodstuffs, beverages and feed.
 Immediately remove all soiled and contaminated clothing.
 Wash hands before breaks and at the end of work.
 Do not inhale gases / fumes / aerosols.
 Avoid contact with the eyes and skin.
- **Breathing equipment:**
 Not necessary if room is well-ventilated.
 In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:** Protective gloves
- **Material of gloves:** Butyl rubber, BR
- **Penetration time of glove material**
 The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses

9 Physical and chemical properties

· General Information

Form: Fluid
Color: Brown
Odor: Characteristic

· Change in condition

Melting point/Melting range: < 0°C (< 32°F)
Boiling point/Boiling range: > 200°C (> 392°F)

- **Flash point:** > 200°C (> 392°F)
- **Ignition temperature:** 400°C (752°F)
- **Auto igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Vapor pressure at 20°C (68°F):** < 0.0001 mbar
- **Density at 20°C (68°F):** 1.23 g/cm³ (EN ISO 2811-1)
- **Solubility in / Miscibility with Water:** Insoluble.
- **Viscosity:**
Dynamic at 20°C (68°F): 90 mPas (ISO 2555)

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
 No decomposition if used according to specifications.
- **Dangerous reactions:** Reacts with alcohols, amines, aqueous acids and alkalis.

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- **Dangerous products of decomposition:**
Danger of toxic pyrolysis products.
Carbon dioxide

11 Toxicological information

- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**
9016-87-9 diphenylmethanediisocyanate, isomeres and homologues
Oral LD50 >15.000 mg/kg (rat)
Dermal LD50 >5.000 mg/kg (rabbit)
Inhalative LC50/4h 490 mg/l (rat)
- **Primary irritant effect:**
 - **on the skin:** Irritant to skin and mucous membranes.
 - **on the eye:** Irritating effect.
- **Sensitization:**
Sensitizing effect through inhalation is possible with prolonged exposure.
Sensitizing effect by skin contact is possible with prolonged exposure.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful
Irritant

12 Ecological information

- **Ecotoxicological effects:**
- **Aquatic toxicity:**
9016-87-9 diphenylmethanediisocyanate, isomeres and homologues
EC50/24h >100 mg/l (bacteriums)
EC50/48h >1.000 mg/l (Daphnia magna)
LC0/96h >1000 mg/l (Brachydanio rerio)
LC50/96h >1.000 mg/l (Danio rerio)
- **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow product to reach ground water, water course or sewage system.

13 Disposal considerations

- **Product:**
- **Recommendation:** Must be specially treated adhering to official regulations.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

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Trade name: PU 225 Wood Flooring Adhesive B

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14 Transport information

- **DOT regulations:**
- **Hazard class:** -
- **Land transport ADR/RID (cross-border):**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** -
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -
- **UN "Model Regulation":** -
- **Transport/Additional information:** Not dangerous according to the above specifications.

15 Regulations

- **Sara**
- **Section 355 (extremely hazardous substances):**
None of the ingredient is listed.
- **Section 313 (Specific toxic chemical listings):**
9016-87-9 diphenylmethanediisocyanate, isomeres and homologues
- **TSCA (Toxic Substances Control Act):**
All ingredients are listed or are not required to be listed on the TSCA inventory.
- **Proposition 65**
- **Chemicals known to cause cancer:**
None of the ingredients is listed.
- **Chemicals known to cause reproductive toxicity for females:**
None of the ingredients is listed.
- **Chemicals known to cause reproductive toxicity for males:**
None of the ingredients is listed.
- **Chemicals known to cause developmental toxicity:**
None of the ingredients is listed.
- **Cancerogenity categories**
- **IARC (International Agency for Research on Cancer)**
9016-87-9 diphenylmethanediisocyanate, isomeres and homologues: Group 3 Vol 19, Suppl 7 1987
- **NTP (National Toxicology Program)**
None of the ingredients is listed.
- **Product related hazard informations:** The product has been marked in accordance with national laws.
- **Hazard symbols:**
- 
Xn Harmful
- **Hazard-determining components of labelling:**
diphenylmethanediisocyanate, isomeres and homologues

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Trade name: PU 225 Wood Flooring Adhesive B

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· **Risk phrases:**

*Harmful by inhalation.
Irritating to eyes, respiratory system and skin.
May cause sensitization by inhalation and skin contact.*

· **Safety phrases:**

*Keep out of the reach of children.
Do not breathe fumes / aerosol
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Wear suitable protective clothing and gloves.
In case of accident or if you feel unwell, seek medical advice immediately.*

· **Special labeling of certain preparations:**

Contains isocyanates. See information supplied by the manufacturer.

· **National regulations:**

The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

· **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

· **VOC:**

· **VOC (USA):** 0,0 g/l / 0,0 lb/gl

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing MSDS:** Industrial Safety Department.

· **Contact:** Dr. Thomas Wieland

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)

LD50: Lethal dose, 50 percent

WAKOL PU 225 Wood Flooring Adhesive

Product Data Sheet

Description

Solvent free 2-component polyurethane adhesive for the interior installation of solid and engineered wood flooring such as solid strip, plank, parquet and engineered wood plank. WAKOL PU 225 can also be used for the installation of rubber and cork/rubber flooring and underlayment.

Special Features

- Zero VOC
- Solvent free, water free
- Superior bonding strength
- Easy to spread
- Long working time
- Water resistant when cured
- Suitable for chair casters
- For radiant heated floors



Properties

Base:	Polyurethane resin and hardener
VOC content:	None
Cleaning agent	WAKOL RT 5960 Cleaning Towels before adhesive is cured.
Mixing ratio (by weight)	8 parts component A + 1 parts component B
Open time:	None, no waiting time required
Working time:	approx. 35 - 40 minutes
Trowels and coverage:	<p>Solid parquet trowel WAKOL B3 coverage approx. 65 - 70 sq ft / gal</p> <p>Solid 2 ¼" strip trowel WAKOL B3 or WAKOL B5 coverage approx. 60 – 65 sq ft / gal.</p> <p>3" and wider plank and engineered wood plank trowel WAKOL B5 or WAKOL B11 coverage approx. 50 – 60 sq ft / gal.</p> <p>Rubber or Cork/Rubber flooring trowel WAKOL A2 or 1/16" x 1/16" x 1/16" V notch trowel coverage approx. 130 – 140 sq ft / gal.</p>

Cork/Rubber underlayment trowel WAKOL B1
coverage approx. 110 – 120 sq ft / gal.

Adhesive transfer to floor backing minimum 90%

Jobsite conditions: Should be according to NWFA recommendations. Doors and windows should be installed and the HVAC running to simulate the living environment climate conditions at work site: 60°F to 75°F / 15°C to 24°C, 40% to 65% relative humidity.

Curing time: Curing takes 24 to 48 hours depending on room climate on job site

Shelf life: 1 year in unopened container at 70°F, freeze thaw stable

LEED credits under 4.1



Subfloors

All surfaces shall be clean, dry, smooth and level. They must be structurally sound, solid, well fastened, clean and free from dust, oil, grease, paint, wax or old adhesive. Check for curing compounds, surface hardeners and sealers which are known to interfere with the adhesive bond to concrete, as well as loosely bonded toppings, primers or any other substances that may prevent or reduce adhesion.

Prior to the installation check any subfloor properly according to NWFA guidelines.

New concrete:

New concrete floors should be constructed, finished and cured (minimum 30-60 days) in accordance with the American Concrete Institute (ACI) 302 "Guide for Concrete Floor and Slab Construction" (Class 2 or 4) with a minimum compressive strength of 3,500 PSI (246 kg/cm²).

Before starting installations on concrete subfloors, moisture test must be conducted. The Anhydrous Calcium KIT (calcium-chloride) has been designed to produce qualitative and quantitative results. Emission of moisture through the subfloor should not exceed 3 pounds / 1.000 sq.ft./ 24 hours (1,36 kg / 93 m² / 24 hours) or 75% RH (ASTM F 2170-02).

For installations on moist concrete subfloors with moisture emission up to 18 pound / 1.000 sq ft / 24 hours (calcium chloride test) or up to 95% RH (ASTM F 2170-02) apply WAKOL PU 280 Moisture Barrier in 2 coatings prior to the installation of the wood flooring; on moist concrete subfloors with moisture emission up to 12 pound / 1.000 sq ft / 24 hours (calcium chloride test) or up to 90% RH (ASTM F 2170-02) apply one coat of WAKOL PU 280 Moisture Barrier prior to the installation.

Alkali salts can be carried to the surface of concrete subfloors during curing or where excessive moisture conditions exist. These deposits can create adhesive bond failures. The suitability of the slab can be determined with the use of pH testing paper or sticks. It is suitable to install the flooring if the pH is under 10.

Wood subfloors / underlayments:

Preferred underlayments, such as plywood, particle board with 40 lb. per cu. Ft. density, and OSB (oriented strand board) should have the APA trademark and be recommended or guaranteed by the underlayment's manufacturer or the wood flooring's manufacturer. The subfloor over which the underlayment will be installed must be clean, smooth, dry, properly fastened and free of joint swelling, warping or delamination, multiply and teckply underlayments have been approved as is APA – AC/BC EXTERIOR.

Other subfloors:

Existing cement terrazzo and ceramic tiles must have full adhesion to the subfloor. Remove all residues of maintenance agents and other materials that may cause an adhesion failure.

Application

Mix both components (A and B) thoroughly for min. 3 minutes using a power mixer. Keep mixing until a homogenous color is achieved.

Spread adhesive evenly and uniformly using the recommended trowel. Lay flooring into wet adhesive and press firmly. Occasionally lift a piece of flooring to assure an adhesive transfer of minimum 90%.

No traffic on installed areas allowed within first 6 to 8 hours. Full traffic allowed after complete curing of the adhesive (24 to 48 hours depending on room temperature).

Provide for expansion and control joints.

Clean tools and equipment with WAKOL RT 5960 Cleaning Towels before adhesive is cured. Ensure that the finished surface of the flooring is not harmed. Adhesive is extremely difficult to remove once cured.

General Information

Do not use adhesive below grade with excessive moisture or hydrostatic pressure. Acclimatize materials during cold periods properly.

Disclaimer

The responsibility of the suitability of the adhesive for each individual case cannot be assumed, as the manufacturer has no influence on the proper application of the adhesives by the installer and or contractor. The directions for use were established on the basis of research, experience and tests believed reliable. Any liability on the part of the seller cannot be derived therefrom, verbal information is subject to written confirmation.

This Technical Information of 21.04.2010 supersedes all previous versions.