

## LangTile Promenade PU Adhesive

Product Ref: (HSDSA-0320)  
 Issue No: 01

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE

#### 1.1 Product identifier

Product name: LangTile Promenade PU Adhesive.

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Adhesive.

Uses advised against: No specific uses advised against are identified.

### 2. HAZARDS IDENTIFICATIONS

#### 2.1 Classification of the substance or mixture

Classification

Physical hazards: Not Classified.

Health hazards: Resp. Sens. 1B - H334 STOT RE 2 - H373 Carc.2 - H351 Eye Irrit 2 - H319 Repr. 1B - H360D  
 Skin Irrit. 2 - H315 Skin Sens. 1B - H317 - EUH204.

Environmental hazards: Not Classified

Most important adverse effects: Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Suspected of causing cancer. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure. Contains isocyanates. May produce an allergic reaction.

#### 2.2 Labels elements

Pictogram



GHS07: Exclamation mark

GHS08: Health hazard

Signal word:

Danger.

Hazard statements:

H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H319 Causes serious eye irritation  
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
 H351 Suspected of causing cancer.  
 H360D May damage the unborn child.  
 H373 May cause damage to organs through prolonged or repeated exposure.  
 EUH204 Contains isocyanates. May produce an allergic reaction.

## LangTile Promenade PU Adhesive

Product Ref: (HSDSA-0320)  
 Issue No: 01

### Precautionary statements:

P260 Do not breathe fumes.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P302+352 IF ON SKIN: Wash with plenty of water/.  
 P304+341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P308+313 IF exposed or concerned: Get medical advice/attention.

### 2.3 Other hazards

Danger of serious damage to health by prolonged exposure.  
 PBT: This product is not identified as a PBT/vPvB substance.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

DIPHENYLMETHANE DIISOCYANATE (ISOMERS AND HOMOLOGUES)			
CAS number: 9016-87-9	EC number:	REACH registration number:	Percent: 10-30%
Classification			
Carc. 2: H351; Acute Tox. 4: H332; STOT RE 2: H373; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Resp. Sens. 1: H334; Skin Sens. 1: H317			

  

N-ETHYL-2-PYRROLIDONE 1-10%			
CAS number: 2687-91-4	EC number:	REACH registration number:	Percent: 1-10%
Classification			
Repr. 1B: H360D			

The full text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### Skin contact:

Remove all contaminated clothes and footwear immediately unless stuck to skin. Consult a doctor. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.

#### Eye contact:

Bathe the eye with running water for 15 minutes. Consult a doctor.

#### Ingestion:

Wash out mouth with water. Consult a doctor.

#### Inhalation:

Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

**LangTile Promenade PU Adhesive**Product Ref: (HSDSA-0320)  
Issue No: 01**4.2 Most important symptoms and effects, both acute and delayed**

General information:	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be irritation and redness. The eyes may water profusely.
Ingestion:	There may be soreness and redness of the mouth and throat.
Inhalation:	Exposure may cause coughing and wheezing.
Delayed / Immediate effects:	Immediate effects can be expected after short-term exposure.

**4.3 Indication of any immediate medical attention and special treatment needed**

Immediate / special treatment:	Eye bathing equipment should be available on the premises.
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**5 FIREFIGHTING MEASURES****5.1 Extinguishing media**

Suitable extinguishing media:	Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
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**5.2 Special hazards arising from the substance or mixture**

Specific hazards:	Exposure hazards: In combustion emits toxic fumes.
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**5.3 Advice for firefighter**

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**6 ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid. Evacuate the area immediately

**6.2 Environmental precaution:**

Do not discharge into drains or rivers. Contain the spillage using bunding. Alert the neighbourhood to the presence of fumes or gas.

**6.3 Methods and material for containment and cleaning up**

Methods for cleaning up:	Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.
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**6.4 Reference to other sections**

Reference to other section:	Refer to section 8 of SDS.
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## LangTile Promenade PU Adhesive

Product Ref: (HSDSA-0320)  
 Issue No: 01

### 7 HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Usage precautions: Avoid direct contact with the substance. Avoid the formation or spread of mists in the air. Ensure there is sufficient ventilation of the area

#### 7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.  
 Suitable packaging: Must only be kept in original packaging.

#### 7.3 Specific end use(s)

Specific end use(s): No data available

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

##### Occupational exposure limits

##### DIPHENYLMETHANE DIISOCYANATE (ISOMERS AND HOMOLOGUES)

Long-term exposure limit (8-hour TWA): 0.02 mg/m<sup>3</sup>  
 Short-term exposure limit (15-minute STEL): 0.07 mg/m<sup>3</sup>

DNEL No data available

PNEC No data available

#### 8.2 Exposure controls



Appropriate engineering controls: Provide adequate ventilation. Avoid inhalation of vapours. Localised exhaust ventilation may be required in poorly ventilated areas. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection: The following protection should be worn: Chemical splash goggle / safety glasses. Ensure eye bath is to hand

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended.

Other skin and body protection: Wear suitable impervious protective clothing as protection against splashing or contamination. Wear apron or protective clothing in case of contact.

## LangTile Promenade PU Adhesive

Product Ref: (HSDSA-0320)  
 Issue No: 01

Hygiene measures:	Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station. Wash contaminated clothing before reuse. Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet.
Respiratory protection:	In confined or poorly ventilated spaces, a supplied-air respirator must be worn. Wear a respirator fitted with a charcoal filter and particulate filter is recommended. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Self-contained breathing apparatus must be available in case of emergency.
Environmental exposure controls:	Keep containers tightly sealed when not in use.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

State:	Liquid
Colour:	Pale brown.
Odour:	Barely perceptible odour.
Odour threshold:	Not available.
pH:	Not available.
Melting point:	Not available.
Initial boiling point and range:	Not available.
Flash point:	Not available.
Evaporation rate:	Not available.
Evaporation factor:	Not available.
Flammability (solid, gas):	Not available.
Upper/lower flammability or explosive limits:	Not available.
Other flammability:	Not available.
Vapour pressure:	Not available.
Vapour density:	Not available.
Relative density:	1.14
Bulk density:	Not available.
Solubility in water:	Reacts with water.
Partition coefficient:	Not available.
Decomposition temperature:	Not available.
Viscosity:	Viscous
Explosive properties:	Not available.
Explosive under the influence of a flame:	Not considered to be explosive.
Oxidising properties:	Non-oxidising (by EC criteria)
Comments:	Information given is applicable to the product as supplied.

### 9.2 Other information

Other information:	Not available
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## 10 STABILITY AND REACTIONS

### 10.1 Reactivity

Reactivity:	Stable under recommended transport or storage conditions.
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## LangTile Promenade PU Adhesive

Product Ref: (HSDSA-0320)  
 Issue No: 01

### 10.2 Chemical stability

Stability: Stable at normal ambient temperatures and when used as recommended.

### 10.3 Possibility of hazardous reactions

Hazardous reaction: Hazardous reactions will not occur under normal transport or storage condition. Decomposition may occur on exposure to conditions or materials listed below.

### 10.4 Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Flames.

### 10.5 Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids. Strong alkalis.

### 10.6 Hazardous decomposition products

Hazardous decomposition products: In combustion emits toxic fumes.

## 11 TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### DIPHENYLMETHANE DIISOCYANATE (ISOMERS AND HOMOLOGUES)

ORL	RAT	LD50	49	gm/kg
SKN	RBT	LD50	>9400	mg/kg

#### RELEVANT HAZARDS FOR PRODUCT:

Hazard	ROUTE	BASIS
Skin Corrosion / Irritation	DRM	HAZARDOUS CALCULATED
Serious Eye Damage / Irritation	OPT	HAZARDOUS CALCULATED
Respiratory / Skin Sensation	-	HAZARDOUS CALCULATED
Carcinogenicity	-	HAZARDOUS CALCULATED
Reproductive Toxicity	-	HAZARDOUS CALCULATED
STOT - repeated exposure	-	HAZARDOUS CALCULATED

#### SYMPTOMS / ROUTES OF EXPOSURE:

Skin contact: There may be irritation and redness at the site of contact.  
 Eye contact: There may be irritation and redness. The eyes may water profusely.  
 Ingestion: There may be soreness and redness of the mouth and throat.  
 Inhalation: Exposure may cause coughing or wheezing.  
 Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

**LangTile Promenade PU Adhesive**Product Ref: (HSDSA-0320)  
Issue No: 01**12 ECOLOGICAL INFORMATION****12.1 Toxicity**

Ecotoxicity: No data available

**12.2 Persistence and degradability**

Persistence and degradability: Biodegradable

**12.3 Bioaccumulative potential**

Bioaccumulative potential: No bioaccumulation potential.

**12.4 Mobility in soil**

Mobility: Readily absorbed into soil

**12.5 Results of PBT and vPvB Assessment**

PBT identification: This product is not identified as a PBT/vPvB substance.

**12.6 Other adverse effects**

Other adverse effects: Negligible ecotoxicity.

**13 DISPOSAL CONSIDERATIONS**

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Waste code number: 08 05 01.

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14 TRANSPORT INFORMATION**

Transport class: This product does not require a classification for transport.

**15 REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Specific regulations: Not applicable

**15.2 Chemical safety assessment**

No chemical safety assessment has been carried out.



**LangTile Promenade PU Adhesive**Product Ref: (HSDSA-0320)  
Issue No: 01**16 OTHER INFORMATION**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

**Phrases used in s.2 and s.3:**

EUH204 Contains isocyanates. May produce an allergic reaction.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

H351 Suspected of causing cancer

H360D May damage the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure

This health and safety data sheet cancels and supersedes all previous editions. The information contained in this data sheet is based on current knowledge and experience. The purpose of this health and safety data sheet is to describe the specific product in terms of safety requirements. It does not constitute a warranty with regard to the product's properties and/or performance in use.

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