



# VT-348 Carpet Glue

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Issue date: 21/10/2020 Revision date: 30/07/2021 Version: 2.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name : VT-348 Carpet Glue  
Product group : Trade product

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

##### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Professional use, Consumer use  
Use of the substance/mixture : Adhesives

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

##### Manufacturer

Vital Technical Sdn. Bhd.  
No.93, Jalan Industri 3/3  
Rawang Integrated Industrial Park,  
48000 Rawang, Selangor, Malaysia.  
T +603 60942088 - F +603 60992930  
[sales@vitaltechnical.com](mailto:sales@vitaltechnical.com)

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

|  |      |
|--|------|
| Flammable liquids, Category 2  | H225 |
| Skin corrosion/irritation, Category 2                                  | H315 |
| Skin sensitisation, Category 1   | H317 |
| Reproductive toxicity, Category 2                                      | H361 |
| Specific target organ toxicity — Single exposure, Category 3, Narcosis | H336 |
| Specific target organ toxicity — Repeated exposure, Category 2         | H373 |
| Hazardous to the aquatic environment — Chronic Hazard, Category 2      | H411 |

Full text of H-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

Highly flammable liquid and vapour. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. May cause drowsiness or dizziness. Causes skin irritation. May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS02

GHS07

GHS08

GHS09


Signal word (CLP) :

Danger

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|   |   |
|---|---|
| Contains  | : toluene; P-TERT-BUTYLPHENOL-FORMALDEHYDE RESIN; NAPHTHA (PETROLEUM), HYDROTREATED LIGHT; NAPHTHA (PETROLEUM), HYDROTREATED LIGHT  |
| Hazard statements (CLP)   | : H225 - Highly flammable liquid and vapour.<br>H315 - Causes skin irritation.<br>H317 - May cause an allergic skin reaction.<br>H336 - May cause drowsiness or dizziness.<br>H361 - Suspected of damaging fertility. Suspected of damaging the unborn child. (inhalation).<br>H373 - May cause damage to organs (nervous system, central nervous system) through prolonged or repeated exposure (inhalation).<br>H411 - Toxic to aquatic life with long lasting effects.               |
| Precautionary statements (CLP)  | : P101 - If medical advice is needed, have product container or label at hand.<br>P102 - Keep out of reach of children.<br>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P271 - Use only outdoors or in a well-ventilated area.<br>P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.<br>P321 - Specific treatment (see supplemental first aid instruction on this label). |
| Labelling according to: exemption for packages of a capacity of 125ml or less |   |
| Hazard pictograms (CLP)   | : <br>GHS02      GHS07      GHS08      GHS09  |
| Signal word (CLP)   | : Danger  |
| Hazardous ingredients   | : toluene; P-TERT-BUTYLPHENOL-FORMALDEHYDE RESIN; NAPHTHA (PETROLEUM), HYDROTREATED LIGHT; NAPHTHA (PETROLEUM), HYDROTREATED LIGHT  |
| Hazard statements (CLP)   | : H317 - May cause an allergic skin reaction.<br>H336 - May cause drowsiness or dizziness.<br>H361 - Suspected of damaging fertility. Suspected of damaging the unborn child. (inhalation).<br>H373 - May cause damage to organs (nervous system, central nervous system) through prolonged or repeated exposure (inhalation).  |
| Precautionary statements (CLP)  | : P101 - If medical advice is needed, have product container or label at hand.<br>P102 - Keep out of reach of children.<br>P271 - Use only outdoors or in a well-ventilated area.<br>P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.<br>P321 - Specific treatment (see supplemental first aid instruction on this label).  |

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

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### 3.2. Mixtures

| Name   | Product identifier  | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP]   |
|--|---|---------|---|
| toluene<br>substance with a Community workplace exposure limit | (CAS-No.) 108-88-3<br>(EC-No.) 203-625-9<br>(EC Index-No.) 601-021-00-3 | 30 – 50 | Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>Repr. 2, H361d<br>STOT SE 3, H336<br>STOT RE 2, H373<br>Asp. Tox. 1, H304                            |
| NAPHTHA (PETROLEUM), HYDROTREATED LIGHT                        | (CAS-No.) 64742-49-0  | 10 – 30 | Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>Repr. 2, H361f<br>STOT SE 3, H336<br>STOT RE 2, H373<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411 |
| NAPHTHA (PETROLEUM), HYDROTREATED LIGHT                        | (CAS-No.) 64742-49-0  | 10 – 30 | Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411                                      |
| P-TERT-BUTYLPHENOL-FORMALDEHYDE RESIN                          | (CAS-No.) 25085-50-1<br>(EC-No.) 607-533-3                              | 1 – 10  | Skin Sens. 1, H317  |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : IF exposed or concerned: Get medical advice/attention.   |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.   |
| First-aid measures after skin contact | : Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact  | : Rinse eyes with water as a precaution.   |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.   |

### 4.2. Most important symptoms and effects, both acute and delayed

|                                     |  |
|-------------------------------------|--|
| Symptoms/effects                    | : May cause drowsiness or dizziness.               |
| Symptoms/effects after skin contact | : Irritation. May cause an allergic skin reaction. |

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |                                     |
|--------------------------------|-------------------------------------|
| Suitable extinguishing media   | : Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Water spray.                      |

### 5.2. Special hazards arising from the substance or mixture

|  |                                       |
|--|---------------------------------------|
| Fire hazard                                      | : Highly flammable liquid and vapour. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released.        |

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### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.  
Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes.  
Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Technical measures : Ground/bond container and receiving equipment.  
Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

### 7.3. Specific end use(s)

No additional information available

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

| toluene (108-88-3)  |   |
|---|---|
| <b>EU - Indicative Occupational Exposure Limit (IOEL)</b> |   |
| Local name  | Toluene   |
| IOELV TWA (mg/m <sup>3</sup> )                            | 192 mg/m <sup>3</sup>   |
| IOELV TWA (ppm)   | 50 ppm  |
| IOELV STEL (mg/m <sup>3</sup> )                           | 384 mg/m <sup>3</sup>   |
| IOELV STEL (ppm)  | 100 ppm   |
| Notes   | Skin  |
| Regulatory reference                                      | COMMISSION DIRECTIVE 2006/15/EC   |
| <b>USA - ACGIH - Occupational Exposure Limits</b>         |   |
| Local name  | Toluene   |
| ACGIH TWA (ppm)   | 20 ppm  |
| Remark (ACGIH)  | TLV® Basis: Visual impair; female repro; pregnancy loss. Notations: A4 (Not classifiable as a Human Carcinogen); BEI  |
| Regulatory reference                                      | ACGIH 2020  |
| <b>USA - ACGIH - Biological Exposure Indices</b>          |   |
| Local name  | TOLUENE   |
| Biological Exposure Indices (BEI)                         | 0.3 mg/g creatinine Parameter: o-Cresol (with hydrolysis) - Medium: urine - Sampling time: End of shift - Notations: B<br>0.03 mg/l Parameter: Toluene - Medium: urine - Sampling time: End of shift<br>0.02 mg/l Parameter: Toluene - Medium: blood - Sampling time: Prior to last shift of workweek |
| Regulatory reference                                      | ACGIH 2020  |

##### Exposure limit values for the other components

| n-hexane (110-54-3)                                       |  |
|---|--|
| <b>EU - Indicative Occupational Exposure Limit (IOEL)</b> |  |
| Local name  | n-Hexane   |
| IOELV TWA (mg/m <sup>3</sup> )                            | 72 mg/m <sup>3</sup>   |
| IOELV TWA (ppm)   | 20 ppm   |
| Regulatory reference                                      | COMMISSION DIRECTIVE 2006/15/EC  |
| <b>USA - ACGIH - Occupational Exposure Limits</b>         |  |
| Local name  | n-Hexane   |
| ACGIH TWA (ppm)   | 50 ppm   |
| Remark (ACGIH)  | TLV® Basis: CNS impair; peripheral neuropathy; eye irr. Notations: Skin; BEI |
| Regulatory reference                                      | ACGIH 2020   |
| <b>USA - ACGIH - Biological Exposure Indices</b>          |  |
| Local name  | n-HEXANE   |

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| n-hexane (110-54-3)               |  |  |
|-----------------------------------|--|--|
| Biological Exposure Indices (BEI) | 0.5 mg/l Parameter: 2,5-Hexanedione (without hydrolysis) - Medium: urine - Sampling time: End of shift |  |
| Regulatory reference              | ACGIH 2020   |  |

| cyclohexane (110-82-7)                             |                                 |  |
|--|---------------------------------|--|
| EU - Indicative Occupational Exposure Limit (IOEL) |                                 |  |
| Local name   | Cyclohexane                     |  |
| IOELV TWA (mg/m <sup>3</sup> )                     | 700 mg/m <sup>3</sup>           |  |
| IOELV TWA (ppm)                                    | 200 ppm                         |  |
| Regulatory reference                               | COMMISSION DIRECTIVE 2006/15/EC |  |
| USA - ACGIH - Occupational Exposure Limits         |                                 |  |
| Local name   | Cyclohexane                     |  |
| ACGIH TWA (ppm)                                    | 100 ppm                         |  |
| Remark (ACGIH)                                     | TLV® Basis: CNS impair          |  |
| Regulatory reference                               | ACGIH 2020                      |  |

### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

### 8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Safety glasses

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear suitable protective clothing

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### **Hand protection:**

Protective gloves

### **8.2.2.3. Respiratory protection**

#### **Respiratory protection:**

[In case of inadequate ventilation] wear respiratory protection.

### **8.2.2.4. Thermal hazards**

No additional information available

### **8.2.3. Environmental exposure controls**

#### **Environmental exposure controls:**

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |                           |
|---|---------------------------|
| Physical state                                  | : Liquid                  |
| Colour  | : Orange-brown.           |
| Odour   | : Characteristic.         |
| Odour threshold                                 | : No data available       |
| pH  | : Not applicable          |
| Relative evaporation rate (butylacetate=1)      | : No data available       |
| Melting point                                   | : Not applicable          |
| Freezing point                                  | : No data available       |
| Boiling point                                   | : > 68 °C                 |
| Flash point                                     | : < 23 °C                 |
| Auto-ignition temperature                       | : No data available       |
| Decomposition temperature                       | : No data available       |
| Flammability (solid, gas)                       | : Not applicable          |
| Vapour pressure                                 | : No data available       |
| Relative vapour density at 20 °C                | : No data available       |
| Relative density                                | : ≈ 0.83                  |
| Solubility                                      | : No data available       |
| Partition coefficient n-octanol/water (Log Pow) | : No data available       |
| Viscosity, kinematic                            | : > 40 mm <sup>2</sup> /s |
| Viscosity, dynamic                              | : 1400 – 1700 cP          |
| Explosive properties                            | : No data available       |
| Oxidising properties                            | : No data available       |
| Explosive limits                                | : No data available       |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Highly flammable liquid and vapour.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### toluene (108-88-3)

|                       |              |
|-----------------------|--------------|
| LD50 oral rat         | > 5000 mg/kg |
| LD50 dermal rat       | > 5000 mg/kg |
| LC50 Inhalation - Rat | > 20 mg/l/4h |

Skin corrosion/irritation : Causes skin irritation.  
pH: Not applicable  
Serious eye damage/irritation : Not classified  
pH: Not applicable  
Respiratory or skin sensitisation : May cause an allergic skin reaction.  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Suspected of damaging fertility. Suspected of damaging the unborn child. (inhalation).  
STOT-single exposure : May cause drowsiness or dizziness.

#### toluene (108-88-3)

|                      |                                    |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

#### NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (64742-49-0)

|                      |                                    |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

#### NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (64742-49-0)

|                      |                                    |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

STOT-repeated exposure : May cause damage to organs (nervous system, central nervous system) through prolonged or repeated exposure (inhalation).

#### toluene (108-88-3)

|                        |  |
|------------------------|--|
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |
|------------------------|--|

#### NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (64742-49-0)

|                        |  |
|------------------------|--|
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |
|------------------------|--|



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Aspiration hazard : Not classified

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Viscosity, kinematic > 40 mm<sup>2</sup>/s

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects.  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.  
Not rapidly degradable

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Additional information : Flammable vapours may accumulate in the container.

## SECTION 14: Transport information






In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                     | IMDG                                    | IATA                                    | ADN                                     | RID                                     |
|---|---|---|---|---|
| <b>14.1. UN number</b>                  |   |   |   |   |
| UN 1133                                 | UN 1133                                 | UN 1133                                 | UN 1133                                 | UN 1133                                 |
| <b>14.2. UN proper shipping name</b>    |   |   |   |   |
| ADHESIVES (containing flammable liquid) | ADHESIVES (containing flammable liquid) | Adhesives (containing flammable liquid) | ADHESIVES (containing flammable liquid) | ADHESIVES (containing flammable liquid) |

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| Transport document description  |   |  |  |  |
|---|---|--|--|--|
| UN 1133 ADHESIVES<br>(containing flammable liquid), 3, II, (D/E), ENVIRONMENTALLY HAZARDOUS | UN 1133 ADHESIVES<br>(containing flammable liquid), 3, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS | UN 1133 Adhesives<br>(containing flammable liquid), 3, II, ENVIRONMENTALLY HAZARDOUS | UN 1133 ADHESIVES<br>(containing flammable liquid), 3, II, ENVIRONMENTALLY HAZARDOUS | UN 1133 ADHESIVES<br>(containing flammable liquid), 3, II, ENVIRONMENTALLY HAZARDOUS |
| 14.3. Transport hazard class(es)  |   |  |  |  |
| 3   | 3   | 3  | 3  | 3  |
|            |                      |     |    |   |
| 14.4. Packing group   |   |  |  |  |
| II  | II  | II   | II   | II   |
| 14.5. Environmental hazards   |   |  |  |  |
| Dangerous for the environment : Yes   | Dangerous for the environment : Yes<br>Marine pollutant : Yes   | Dangerous for the environment : Yes  | Dangerous for the environment : Yes  | Dangerous for the environment : Yes  |
| No supplementary information available  |   |  |  |  |

### 14.6. Special precautions for user

#### Overland transport

|   |                     |
|---|---------------------|
| Classification code (ADR)                                 | : F1                |
| Special provisions (ADR)                                  | : 640D              |
| Limited quantities (ADR)                                  | : 5I                |
| Excepted quantities (ADR)                                 | : E2                |
| Packing instructions (ADR)                                | : P001, IBC02, R001 |
| Special packing provisions (ADR)                          | : PP1               |
| Mixed packing provisions (ADR)                            | : MP19              |
| Portable tank and bulk container instructions (ADR)       | : T4                |
| Portable tank and bulk container special provisions (ADR) | : TP1, TP8          |
| Tank code (ADR)   | : LGBF              |
| Vehicle for tank carriage                                 | : FL                |
| Transport category (ADR)                                  | : 2                 |
| Special provisions for carriage - Operation (ADR)         | : S2, S20           |
| Hazard identification number (Kemler No.)                 | : 33                |
| Orange plates   | :                   |



|                               |        |
|-------------------------------|--------|
| Tunnel restriction code (ADR) | : D/E  |
| EAC code                      | : •3YE |

#### Transport by sea

|                                   |            |
|-----------------------------------|------------|
| Limited quantities (IMDG)         | : 5 L      |
| Excepted quantities (IMDG)        | : E2       |
| Packing instructions (IMDG)       | : P001     |
| Special packing provisions (IMDG) | : PP1      |
| IBC packing instructions (IMDG)   | : IBC02    |
| Tank instructions (IMDG)          | : T4       |
| Tank special provisions (IMDG)    | : TP1, TP8 |
| EmS-No. (Fire)                    | : F-E      |
| EmS-No. (Spillage)                | : S-D      |
| Stowage category (IMDG)           | : B        |

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Properties and observations (IMDG) : Adhesives are solutions of gums, resins, etc., usually volatile due to the solvents. Miscibility with water depends upon their composition.

### Air transport

PCA Excepted quantities (IATA) : E2  
PCA Limited quantities (IATA) : Y341  
PCA limited quantity max net quantity (IATA) : 1L  
PCA packing instructions (IATA) : 353  
PCA max net quantity (IATA) : 5L  
CAO packing instructions (IATA) : 364  
CAO max net quantity (IATA) : 60L  
Special provisions (IATA) : A3  
ERG code (IATA) : 3L

### Inland waterway transport

Classification code (ADN) : F1  
Special provisions (ADN) : 640D  
Limited quantities (ADN) : 5 L  
Excepted quantities (ADN) : E2  
Equipment required (ADN) : PP, EX, A  
Ventilation (ADN) : VE01  
Number of blue cones/lights (ADN) : 1

### Rail transport

Classification code (RID) : F1  
Special provisions (RID) : 640D  
Limited quantities (RID) : 5L  
Excepted quantities (RID) : E2  
Packing instructions (RID) : P001, IBC02, R001  
Special packing provisions (RID) : PP1  
Mixed packing provisions (RID) : MP19  
Portable tank and bulk container instructions (RID) : T4  
Portable tank and bulk container special provisions (RID) : TP1, TP8  
Tank codes for RID tanks (RID) : LGBF  
Transport category (RID) : 2  
Colis express (express parcels) (RID) : CE7  
Hazard identification number (RID) : 33

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list  $\geq 0,1$  % / SCL

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

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### 15.1.2. National regulations

#### France

##### Occupational diseases

| Code     | Description   |
|----------|---|
| RG 4 BIS | Gastrointestinal disorders caused by benzene, toluene, xylenes and all products containing them   |
| RG 84    | Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide |

#### Germany

|  |   |
|--|---|
| Employment restrictions                    | : Observe restrictions according Act on the Protection of Working Mothers (MuSchG)<br>Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG) |
| Water hazard class (WGK)                   | : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1)  |
| Hazardous Incident Ordinance (12. BImSchV) | : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)  |

#### Netherlands

|  |   |
|--|---|
| ABM category   | : Z(1) - non biodegradable substances with hazardous properties for humans and the environment (carcinogenicity/ mutagenicity/ reprotoxicity/bioacumulative potential/ toxicity or persistence) |
| SZW-lijst van kankerverwekkende stoffen              | : None of the components are listed   |
| SZW-lijst van mutagene stoffen                       | : None of the components are listed   |
| SZW-lijst van reprotoxische stoffen – Borstvoeding   | : None of the components are listed   |
| SZW-lijst van reprotoxische stoffen – Vruchtbaarheid | : None of the components are listed   |
| SZW-lijst van reprotoxische stoffen – Ontwikkeling   | : toluene is listed   |

#### Denmark

|                             |   |
|-----------------------------|---|
| Class for fire hazard       | : Class II-1  |
| Store unit                  | : 5 liter   |
| Classification remarks      | : R10 <H225;H315;H317;H336;H361;H373;H411>; Emergency management guidelines for the storage of flammable liquids must be followed   |
| Danish National Regulations | : Young people below the age of 18 years are not allowed to use the product<br>Pregnant/breastfeeding women working with the product must not be in direct contact with the product |

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| Abbreviations and acronyms: |   |
|-----------------------------|---|
| ADN                         | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE                         | Acute Toxicity Estimate   |
| BLV                         | Biological limit value  |
| CAS-No.                     | Chemical Abstract Service number  |
| CLP                         | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                     |
| DMEL                        | Derived Minimal Effect level  |
| DNEL                        | Derived-No Effect Level   |
| EC50                        | Median effective concentration  |
| EC-No.                      | European Community number   |
| EN                          | European Standard   |
| IATA                        | International Air Transport Association   |

# VT-348 Carpet Glue

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

|       |   |
|-------|---|
| IMDG  | International Maritime Dangerous Goods  |
| LC50  | Median lethal concentration   |
| LD50  | Median lethal dose  |
| LOAEL | Lowest Observed Adverse Effect Level  |
| NOAEC | No-Observed Adverse Effect Concentration  |
| NOAEL | No-Observed Adverse Effect Level  |
| NOEC  | No-Observed Effect Concentration  |
| OEL   | Occupational Exposure Limit   |
| PBT   | Persistent Bioaccumulative Toxic  |
| PNEC  | Predicted No-Effect Concentration   |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| RID   | Regulations concerning the International Carriage of Dangerous Goods by Rail                      |
| SDS   | Safety Data Sheet   |
| vPvB  | Very Persistent and Very Bioaccumulative  |
| WGK   | Water Hazard Class  |

| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| Aquatic Chronic 2                   | Hazardous to the aquatic environment — Chronic Hazard, Category 2      |
| Asp. Tox. 1                         | Aspiration hazard, Category 1  |
| Flam. Liq. 2                        | Flammable liquids, Category 2  |
| Repr. 2                             | Reproductive toxicity, Category 2                                      |
| Repr. 2                             | Reproductive toxicity, Category 2                                      |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                                  |
| Skin Sens. 1                        | Skin sensitisation, Category 1   |
| STOT RE 2                           | Specific target organ toxicity — Repeated exposure, Category 2         |
| STOT SE 3                           | Specific target organ toxicity — Single exposure, Category 3, Narcosis |
| H225                                | Highly flammable liquid and vapour.                                    |
| H304                                | May be fatal if swallowed and enters airways.                          |
| H315                                | Causes skin irritation.  |
| H317                                | May cause an allergic skin reaction.                                   |
| H336                                | May cause drowsiness or dizziness.                                     |
| H361                                | Suspected of damaging fertility or the unborn child.                   |
| H361d                               | Suspected of damaging the unborn child.                                |
| H361f                               | Suspected of damaging fertility.                                       |
| H373                                | May cause damage to organs through prolonged or repeated exposure.     |
| H411                                | Toxic to aquatic life with long lasting effects.                       |

Safety Data Sheet (SDS), EU

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.