

# SAFETY DATA SHEET



Date of issue/Date of revision

: 19 June 2026

Version

: 1.05

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

### 1.1 Product identifier

**Product name** : AMERLOCK 2/400 BASE (TINTED)  
**Product code** : 00289903  
**Product type** : Liquid.  
**Other means of identification** : Not available.

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

**Product use** : Professional applications, Used by spraying.  
**Use of the substance/mixture** : Coating.  
**Uses advised against** : Product is not intended, labelled or packaged for consumer use.

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

PPG Coatings Belgium BV/SRL  
Tweemontstraat 104  
B-2100 Deurne  
Belgium  
Telephone +32-33606311  
Fax +32-33606435

**e-mail address of person responsible for this SDS** : Product.Stewardship.EMEA@ppg.com


### 1.4 Emergency telephone number

**Supplier**  
+31 20 4075210

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Product definition** : Mixture  
**Classification according to UK CLP/GHS**

 Flam. Liq. 3, H226  
Skin Irrit. 2, H315  
Eye Irrit. 2, H319  
Skin Sens. 1, H317  
Carc. 1B, H350  
Aquatic Chronic 2, H411

The product is classified as hazardous according to UK CLP Regulation SI 2019/720 as amended.  
See Section 16 for the full text of the H statements declared above.  
See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

**Hazard pictograms** :



**Signal word** : Danger

**Code** : 00289903 **Date of issue/Date of revision** : 19 June 2026  
**AMERLOCK 2/400 BASE (TINTED)**

## SECTION 2: Hazards identification

**Hazard statements** : Flammable liquid and vapour.  
 Causes skin irritation.  
 May cause an allergic skin reaction.  
 Causes serious eye irritation.  
 May cause cancer.  
 Toxic to aquatic life with long lasting effects.

### Precautionary statements

**Prevention** : Wear protective gloves, protective clothing and eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid release to the environment.

**Response** : Collect spillage. IF exposed or concerned: Get medical advice or attention.

**Storage** : Not applicable.

**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.  
 P280, P210, P273, P391, P308 + P313, P501

**Supplemental label elements** : Contains epoxy constituents. May produce an allergic reaction.

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** : Restricted to professional users.

### Special packaging requirements

**Containers to be fitted with child-resistant fastenings** : Not applicable.

**Tactile warning of danger** : Not applicable.

### 2.3 Other hazards

**Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII** : This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**Other hazards which do not result in classification** : Prolonged or repeated contact may dry skin and cause irritation.

## SECTION 3: Composition/information on ingredients

**3.2 Mixtures** : Mixture

Product/ingredient name	Identifiers	%	Classification	Type
Bis-[4-(2,3-epoxipropoxy)phenyl]propane	REACH #: 01-2119456619-26 EC: 216-823-5 CAS: 1675-54-3 Index: 603-073-00-2	≥50 - ≤75	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411	[1]
xylene	REACH #: 01-2119488216-32 EC: 215-535-7 CAS: 1330-20-7 Index: 601-022-00-9	≥1.0 - ≤5.0	Flam. Liq. 3, H226 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 3, H412	[1] [2]
Hydrocarbons, C9, aromatics > 0.1% cumene	REACH #: 01-2119455851-35 EC: 918-668-5 CAS: 128601-23-0	≥1.0 - ≤5.0	Flam. Liq. 3, H226 Carc. 1B, H350 STOT SE 3, H335 STOT SE 3, H336	[1] [2]

Code : 00289903 Date of issue/Date of revision : 19 June 2026  
 AMERLOCK 2/400 BASE (TINTED)

### SECTION 3: Composition/information on ingredients

ethylbenzene	REACH #: 01-2119489370-35 EC: 202-849-4 CAS: 100-41-4 Index: 601-023-00-4	≥1.0 - ≤5.0	Asp. Tox. 1, H304 Aquatic Chronic 2, H411 EUH066 Flam. Liq. 2, H225 Acute Tox. 4, H332 STOT RE 2, H373 (hearing organs) Asp. Tox. 1, H304 Aquatic Chronic 3, H412	[1] [2]
Solvent naphtha (petroleum), light arom. Nota(s) P	REACH #: 01-2119486773-24 EC: 265-199-0 CAS: 64742-95-6 Index: 649-356-00-4	≥1.0 - ≤5.0	Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411	[1]
cumene	REACH #: 01-2119473983-24 EC: 202-704-5 CAS: 98-82-8 Index: 601-024-00-X	≤0.30	Flam. Liq. 3, H226 Carc. 1B, H350 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411  <b>See Section 16 for the full text of the H statements declared above.</b>	[1] [2]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

#### Type

- [1] Substance classified with a health or environmental hazard  
 [2] Substance with a workplace exposure limit

This mixture contains ≥ 1% of titanium dioxide. The Annex VI classification of titanium dioxide does not apply to this mixture according to Note 10.

Occupational exposure limits, if available, are listed in Section 8.

**SUB codes represent substances without registered CAS Numbers.**

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- Eye contact** : Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
- Inhalation** : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
- Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
- Ingestion** : If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

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

##### Potential acute health effects

<b>Code</b> : 00289903	<b>Date of issue/Date of revision</b> : 19 June 2026
<b>AMERLOCK 2/400 BASE (TINTED)</b>	

## SECTION 4: First aid measures

- Eye contact** : Causes serious eye irritation.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Causes skin irritation. Defatting to the skin. May cause an allergic skin reaction.
- Ingestion** : No known significant effects or critical hazards.

### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
dryness  
cracking
- Ingestion** : No specific data.

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

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Unsuitable extinguishing media** : Do not use water jet.

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

- Hazards from the substance or mixture** : Flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
- Hazardous combustion products** : Decomposition products may include the following materials:  
carbon oxides  
metal oxide/oxides

### 5.3 Advice for firefighters

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to British standard BS EN 469 will provide a basic level of protection for chemical incidents.

<b>Code</b> : 00289903	<b>Date of issue/Date of revision</b> : 19 June 2026
<b>AMERLOCK 2/400 BASE (TINTED)</b>	

## SECTION 6: Accidental release measures

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

- For non-emergency personnel** :  No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour. Put on appropriate personal protective equipment. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate.
- For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

### 6.2 Environmental precautions

- : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

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

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

### 6.4 Reference to other sections

- : See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 7.1 Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Code** : 00289903 **Date of issue/Date of revision** : 19 June 2026  
**AMERLOCK 2/400 BASE (TINTED)**

## SECTION 7: Handling and storage

**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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

Store between the following temperatures: 0 to 35°C (32 to 95°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

### 7.3 Specific end use(s)

See Section 1.2 for Identified uses.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### Occupational exposure limits

Product/ingredient name	Exposure limit values
xylene	<b>EH40/2005 WELs (United Kingdom (UK), 1/2020) [xylene, o-,m-,p- or mixed isomers]</b> Absorbed through skin. STEL 15 minutes: 441 mg/m <sup>3</sup> . TWA 8 hours: 50 ppm. TWA 8 hours: 220 mg/m <sup>3</sup> . STEL 15 minutes: 100 ppm.
Hydrocarbons, C9, aromatics > 0.1% cumene	<b>EU OEL (Europe)</b> TWA: 19 ppm. TWA: 100 mg/m <sup>3</sup> .
ethylbenzene	<b>EH40/2005 WELs (United Kingdom (UK), 1/2020)</b> Absorbed through skin. STEL 15 minutes: 552 mg/m <sup>3</sup> . STEL 15 minutes: 125 ppm. TWA 8 hours: 100 ppm. TWA 8 hours: 441 mg/m <sup>3</sup> .
cumene	<b>EH40/2005 WELs (United Kingdom (UK), 1/2020)</b> Absorbed through skin. STEL 15 minutes: 250 mg/m <sup>3</sup> . STEL 15 minutes: 50 ppm. TWA 8 hours: 25 ppm. TWA 8 hours: 125 mg/m <sup>3</sup> .

#### Biological exposure indices

Product/ingredient name	Exposure indices
xylene	<b>EH40/2005 BMGVs (United Kingdom (UK), 1/2020) [Xylene, o-, m-, p- or mixed isomers]</b> BGV: 650 mmol/mol creatinine, methyl hippuric acid [in urine]. Sampling time: post shift.

<b>Code</b> : 00289903	<b>Date of issue/Date of revision</b> : 19 June 2026
<b>AMERLOCK 2/400 BASE (TINTED)</b>	

## SECTION 8: Exposure controls/personal protection

**Recommended monitoring procedures** : Reference should be made to monitoring standards, such as the following: British Standard BS EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) British Standard BS EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) British Standard BS EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

### DNELs/DMELs

bis-[4-(2,3-epoxipropoxy)phenyl]propane	DNEL - Workers - Long term - Inhalation	Systemic	12.25 mg/m <sup>3</sup>	
	DNEL - Workers - Short term - Inhalation	Systemic	12.25 mg/m <sup>3</sup>	
	DNEL - Workers - Long term - Dermal	Systemic	8.33 mg/kg bw/day	
	DNEL - Workers - Short term - Dermal	Systemic	8.33 mg/kg bw/day	
	DNEL - General population - Consumers - Long term - Dermal	Systemic	3.571 mg/kg bw/day	
	DNEL - General population - Consumers - Short term - Dermal	Systemic	3.571 mg/kg bw/day	
	DNEL - General population - Consumers - Long term - Oral	Systemic	0.75 mg/kg bw/day	
	DNEL - General population - Consumers - Short term - Oral	Systemic	0.75 mg/kg bw/day	
	DNEL - General population - Long term - Dermal	Systemic	89.3 µg/kg bw/day	
	DNEL - General population - Long term - Oral	Systemic	0.5 mg/kg bw/day	
	DNEL - Workers - Long term - Dermal	Systemic	0.75 mg/kg bw/day	
	DNEL - General population - Long term - Inhalation	Systemic	0.87 mg/m <sup>3</sup>	
	DNEL - Workers - Long term - Inhalation	Systemic	4.93 mg/m <sup>3</sup>	
	DNEL - General population - Long term - Oral	Systemic	5 mg/kg bw/day	
	DNEL - General population - Long term - Inhalation	Local	65.3 mg/m <sup>3</sup>	
xylene	DNEL - General population - Long term - Inhalation	Systemic	65.3 mg/m <sup>3</sup>	
	DNEL - General population - Long term - Dermal	Systemic	125 mg/kg bw/day	
	DNEL - Workers - Long term - Dermal	Systemic	212 mg/kg bw/day	
	DNEL - Workers - Long term - Inhalation	Local	221 mg/m <sup>3</sup>	
	DNEL - Workers - Long term - Inhalation	Systemic	221 mg/m <sup>3</sup>	
	DNEL - General population - Short term - Inhalation	Local	260 mg/m <sup>3</sup>	
	DNEL - General population - Short term - Inhalation	Systemic	260 mg/m <sup>3</sup>	
	DNEL - Workers - Short term - Inhalation	Local	442 mg/m <sup>3</sup>	
	DNEL - Workers - Short term - Inhalation	Systemic	442 mg/m <sup>3</sup>	
	DNEL - Workers - Long term - Inhalation	Systemic	150 mg/m <sup>3</sup>	
	Hydrocarbons, C9, aromatics > 0.1% cumene	DNEL - Workers - Long term - Dermal	Systemic	25 mg/kg bw/day
		DNEL - General population - Long term - Inhalation	Systemic	32 mg/m <sup>3</sup>
		DNEL - General population - Long term - Dermal	Systemic	11 mg/kg bw/day
		DNEL - General population - Long term - Oral	Systemic	11 mg/kg bw/day
		DMEL - Workers - Long term - Inhalation	Local	442 mg/m <sup>3</sup>
ethylbenzene	DMEL - Workers - Short term - Inhalation	Systemic	884 mg/m <sup>3</sup>	
	DNEL - General population - Long term - Oral	Systemic	1.6 mg/kg bw/day	
	DNEL - General population - Long term - Inhalation	Systemic	15 mg/m <sup>3</sup>	
	DNEL - Workers - Long term - Inhalation	Systemic	77 mg/m <sup>3</sup>	
	DNEL - Workers - Long term - Dermal	Systemic	180 mg/kg bw/day	
Solvent naphtha	DNEL - Workers - Short term - Inhalation	Local	293 mg/m <sup>3</sup>	
	DNEL - Workers - Long term - Inhalation	Systemic	150 mg/m <sup>3</sup>	

<b>Code</b> : 00289903	<b>Date of issue/Date of revision</b> : 19 June 2026
<b>AMERLOCK 2/400 BASE (TINTED)</b>	

**SECTION 8: Exposure controls/personal protection**

(petroleum), light arom. Nota(s) P	DNEL - Workers - Long term - Dermal	<i>Systemic</i>	25 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	<i>Systemic</i>	32 mg/m <sup>3</sup>
	DNEL - General population - Long term - Dermal	<i>Systemic</i>	11 mg/kg bw/day
	DNEL - General population - Long term - Oral	<i>Systemic</i>	11 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	<i>Systemic</i>	0.41 mg/m <sup>3</sup>
	DNEL - Workers - Long term - Inhalation	<i>Systemic</i>	1.9 mg/m <sup>3</sup>
	DNEL - General population - Long term - Inhalation	<i>Local</i>	178.57 mg/m <sup>3</sup>
	DNEL - General population - Short term - Inhalation	<i>Local</i>	640 mg/m <sup>3</sup>
	DNEL - Workers - Long term - Inhalation	<i>Local</i>	837.5 mg/m <sup>3</sup>
	DNEL - Workers - Short term - Inhalation	<i>Local</i>	1066.67 mg/m <sup>3</sup>
	DNEL - General population - Short term - Inhalation	<i>Systemic</i>	1152 mg/m <sup>3</sup>
	DNEL - Workers - Short term - Inhalation	<i>Systemic</i>	1286.4 mg/m <sup>3</sup>
	DNEL - General population - Long term - Dermal	<i>Systemic</i>	1.2 mg/kg bw/day
	DNEL - Workers - Long term - Dermal	<i>Systemic</i>	15.4 mg/kg bw/day
DNEL - Workers - Long term - Inhalation	<i>Systemic</i>	100 mg/m <sup>3</sup>	
DNEL - Workers - Short term - Inhalation	<i>Local</i>	250 mg/m <sup>3</sup>	
DNEL - General population - Long term - Oral	<i>Systemic</i>	5 mg/kg bw/day	
DNEL - General population - Long term - Inhalation	<i>Systemic</i>	16.6 mg/m <sup>3</sup>	
cumene			

**PNECs**

Product/ingredient name	Compartment Detail - Method	Value
m-[-[4-(2,3-epoxipropoxy)phenyl]propane	Fresh water - Assessment Factors	0.006 mg/l
	Marine water - Assessment Factors	0.001 mg/l
	Fresh water sediment - Equilibrium Partitioning	0.996 mg/kg dwt
	Marine water sediment - Equilibrium Partitioning	0.1 mg/kg dwt
	Soil - Equilibrium Partitioning	0.196 mg/kg dwt
	Sewage Treatment Plant - Assessment Factors	10 mg/l
	Secondary Poisoning - Assessment Factors	11 mg/kg
	Fresh water	0.327 mg/l
	Marine water	0.327 mg/l
	Sewage Treatment Plant	6.58 mg/l
xylene	Fresh water sediment	12.46 mg/kg dwt
	Marine water sediment	12.46 mg/kg dwt
	Soil	2.31 mg/kg
	Fresh water - Assessment Factors	0.1 mg/l
	Marine water - Assessment Factors	0.01 mg/l
	Sewage Treatment Plant - Assessment Factors	9.6 mg/l
	Fresh water sediment - Equilibrium Partitioning	13.7 mg/kg dwt
	Marine water sediment - Equilibrium Partitioning	1.37 mg/kg dwt
	Soil - Equilibrium Partitioning	2.68 mg/kg dwt
	Secondary Poisoning	20 mg/kg
ethylbenzene	Fresh water - Assessment Factors	0.035 mg/l
	Marine water - Assessment Factors	0.004 mg/l
	Sewage Treatment Plant - Assessment Factors	200 mg/l
	Fresh water sediment - Equilibrium Partitioning	3.22 mg/kg dwt
	Marine water sediment - Equilibrium Partitioning	0.322 mg/kg dwt
	Soil - Equilibrium Partitioning	0.624 mg/kg dwt
	Fresh water - Assessment Factors	0.035 mg/l
	Marine water - Assessment Factors	0.004 mg/l
	Sewage Treatment Plant - Assessment Factors	200 mg/l
	Fresh water sediment - Equilibrium Partitioning	3.22 mg/kg dwt
cumene	Marine water sediment - Equilibrium Partitioning	0.322 mg/kg dwt
	Soil - Equilibrium Partitioning	0.624 mg/kg dwt

**8.2 Exposure controls**

<b>Code</b> : 00289903	<b>Date of issue/Date of revision</b> : 19 June 2026
<b>AMERLOCK 2/400 BASE (TINTED)</b>	

## SECTION 8: Exposure controls/personal protection

**Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Chemical splash goggles.

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Wear a respirator conforming to EN140. Filter type: organic vapour (Type A) and particulate filter P3

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### 9.1 Information on basic physical and chemical properties

#### Appearance

**Physical state** : Liquid.  
**Colour** : Various  
**Odour** : Characteristic.  
**Odour threshold** : Not available.

**Code** : 00289903 **Date of issue/Date of revision** : 19 June 2026  
**AMERLOCK 2/400 BASE (TINTED)**

## SECTION 9: Physical and chemical properties

**Melting point/freezing point** :  
**Initial boiling point and boiling range** : >37.78°C (>100°F)  
**Flammability (solid, gas)** : liquid  
**Upper/lower flammability or explosive limits** : Not available.  
**Flash point** : Closed cup: 28°C (82.4°F)  
**Auto-ignition temperature** :

Ingredient name	°C	°F	Method
Solvent naphtha (petroleum), light arom. Nota(s) P	280 to 470	536 to 878	

**pH** : Not applicable.  
 Not applicable. insoluble in water.  
**Viscosity** : Dynamic (room temperature): Not available.  
 Kinematic (room temperature): Not available.  
 Kinematic (40°C): >21 mm<sup>2</sup>/s

**Solubility(ies)** :

Media	Result
cold water	Not soluble

**Miscible with water** : No.  
**Partition coefficient: n-octanol/ water** : Not applicable.  
**Vapour pressure** :

Ingredient name	Vapour Pressure at 20°C			Vapour pressure at 50°C		
	mm Hg	kPa	Method	mm Hg	kPa	Method
ethylbenzene	9.30076	1.2				

**Relative density** : 1.42  
**Explosive properties** : The product itself is not explosive, but the formation of an explosible mixture of vapour or dust with air is possible.  
**Oxidising properties** : Product does not present an oxidizing hazard.  
**Particle characteristics**  
**Median particle size** : Not applicable.

## SECTION 10: Stability and reactivity

- 10.1 Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- 10.2 Chemical stability** : The product is stable.
- 10.3 Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- 10.4 Conditions to avoid** : When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8.
- 10.5 Incompatible materials** : Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.
- 10.6 Hazardous decomposition products** : Depending on conditions, decomposition products may include the following materials: carbon oxides metal oxide/oxides

**Code** : 00289903 **Date of issue/Date of revision** : 19 June 2026  
**AMERLOCK 2/400 BASE (TINTED)**

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Dose / Exposure
bis-[4-(2,3-epoxipropoxy)phenyl]propane	Rabbit - Dermal - LD50	23000 mg/kg
xylene	Rat - Oral - LD50 Rat - Oral - LD50	15000 mg/kg 4.3 g/kg
Hydrocarbons, C9, aromatics > 0.1% cumene	Rabbit - Dermal - LD50 Rat - Female - Oral - LD50	1.7 g/kg 3492 mg/kg
ethylbenzene	Rabbit - Dermal - LD50 Rat - Oral - LD50 Rabbit - Dermal - LD50 Rat - Inhalation - LC50 Vapour	>3160 mg/kg 3.5 g/kg 17.8 g/kg 17.8 mg/l [4 hours]
Solvent naphtha (petroleum), light arom. Nota(s) P	Rat - Oral - LD50 <u>Toxic effects:</u> Behavioral - Somnolence (general depressed activity) Behavioral - Tremor Lung, Thorax, or Respiration - Other changes	8400 mg/kg
cumene	Rabbit - Dermal - LD50 Rabbit - Dermal - LD50 Rat - Oral - LD50 Rat - Inhalation - LC50 Vapour	3.48 g/kg 12.3 g/kg 2260 mg/kg 39000 mg/m <sup>3</sup> [4 hours]

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
AMERLOCK 2/400 BASE (TINTED)	N/A	49628.5	N/A	264.1	N/A
bis-[4-(2,3-epoxipropoxy)phenyl]propane	15000	23000	N/A	N/A	N/A
xylene	4300	1700	N/A	11	N/A
Hydrocarbons, C9, aromatics > 0.1% cumene	3492	N/A	N/A	N/A	N/A
ethylbenzene	3500	17800	N/A	17.8	N/A
Solvent naphtha (petroleum), light arom. Nota(s) P	8400	3480	N/A	N/A	N/A
cumene	2260	12300	N/A	39	N/A

#### Irritation/Corrosion

Product/ingredient name	Result
bis-[4-(2,3-epoxipropoxy)phenyl]propane	<u>Rabbit - Eyes - Redness of the conjunctivae</u> Duration of treatment/exposure: 24 hours Irritation score: 0.4
-	<u>Rabbit - Eyes - Mild irritant</u> Duration of treatment/exposure: 24 hours Fully reversible in 7 days or less
-	<u>Rabbit - Skin - Erythema/Eschar</u> Duration of treatment/exposure: 4 hours Irritation score: 0.8
-	<u>Rabbit - Skin - Oedema</u> Duration of treatment/exposure: 4 hours Irritation score: 0.5
-	<u>Rabbit - Skin - Mild irritant</u> Duration of treatment/exposure: 4 hours
xylene	<u>Rabbit - Skin - Moderate irritant</u>

**Code** : 00289903 **Date of issue/Date of revision** : 19 June 2026  
**AMERLOCK 2/400 BASE (TINTED)**

**SECTION 11: Toxicological information**

Amount/concentration applied: 500 mg  
Duration of treatment/exposure: 24 hours

- Conclusion/Summary** : Not available.  
**Skin** : There are no data available on the mixture itself.  
**Eyes** : There are no data available on the mixture itself.  
**Respiratory** : There are no data available on the mixture itself.

**Sensitisation**

Product/ingredient name	Test	Result
Bis-[4-(2,3-epoxipropoxy)phenyl] propane	Mouse - skin	Sensitising

**Conclusion/Summary**

- Skin** : There are no data available on the mixture itself.  
**Respiratory** : There are no data available on the mixture itself.

**Mutagenicity**

- Conclusion/Summary** : There are no data available on the mixture itself.

**Carcinogenicity**

- Conclusion/Summary** : There are no data available on the mixture itself.

**Reproductive toxicity**

- Conclusion/Summary** : There are no data available on the mixture itself.

**Specific target organ toxicity (single exposure)**

Product/ingredient name	Category	Route of exposure	Target organs
Xylene	Category 3	-	Respiratory tract irritation
Hydrocarbons, C9, aromatics > 0.1% cumene	Category 3	-	Respiratory tract irritation
-	Category 3	-	Narcotic effects
Solvent naphtha (petroleum), light arom. Nota(s) P	Category 3	-	Narcotic effects
cumene	Category 3	-	Respiratory tract irritation

**Specific target organ toxicity (repeated exposure)**

Product/ingredient name	Category	Route of exposure	Target organs
ethylbenzene	Category 2	-	hearing organs

**Aspiration hazard**

Product/ingredient name	Result
Xylene	ASPIRATION HAZARD - Category 1
Hydrocarbons, C9, aromatics > 0.1% cumene	ASPIRATION HAZARD - Category 1
ethylbenzene	ASPIRATION HAZARD - Category 1
Solvent naphtha (petroleum), light arom. Nota(s) P	ASPIRATION HAZARD - Category 1
cumene	ASPIRATION HAZARD - Category 1

**Information on likely routes of exposure** : Not available.

**Potential acute health effects**

- Eye contact** : Causes serious eye irritation.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : Causes skin irritation. Defatting to the skin. May cause an allergic skin reaction.  
**Ingestion** : No known significant effects or critical hazards.

**Code** : 00289903 **Date of issue/Date of revision** : 19 June 2026  
**AMERLOCK 2/400 BASE (TINTED)**

## SECTION 11: Toxicological information

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:  
 pain or irritation  
 watering  
 redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:  
 irritation  
 redness  
 dryness  
 cracking
- Ingestion** : No specific data.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Short term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

#### Long term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

#### Potential chronic health effects

- Conclusion/Summary** : Not available.
- General** : Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
- Carcinogenicity** : May cause cancer. Risk of cancer depends on duration and level of exposure.
- Mutagenicity** : No known significant effects or critical hazards.
- Reproductive toxicity** : No known significant effects or critical hazards.

### Other information

Not available.

## SECTION 12: Ecological information

### 12.1 Toxicity

Product/ingredient name	Result	Species	Dose / Exposure
Diis-[4-(2,3-epoxypropoxy)phenyl]propane	Chronic - NOEC	Daphnia	0.3 mg/l [21 days]
Hydrocarbons, C9, aromatics > 0.1% cumene	Acute - LC50 - Fresh water EC50	Daphnia - <i>daphnia magna</i>	1.8 mg/l [48 hours]
		Daphnia	3.2 mg/l [48 hours]
ethylbenzene	LC50 Acute - EC50 - Fresh water	Fish	9.2 mg/l [96 hours]
		Daphnia	1.8 mg/l [48 hours]
Solvent naphtha (petroleum), light arom. Nota(s) P	Chronic - NOEC - Fresh water Acute - LC50	Daphnia - <i>Ceriodaphnia dubia</i>	1 mg/l
		Fish	8.2 mg/l [96 hours]

- Conclusion/Summary** : Not available.

### 12.2 Persistence and degradability

**Code** : 00289903 **Date of issue/Date of revision** : 19 June 2026  
**AMERLOCK 2/400 BASE (TINTED)**

## SECTION 12: Ecological information

Product/ingredient name	Test	Result	Dose / Inoculum
Hydrocarbons, C9, aromatics > 0.1% cumene ethylbenzene	-	75% [28 days] - Readily	
	-	79% [10 days] - Readily	

**Conclusion/Summary** : Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Is-[4-(2,3-epoxipropoxy)phenyl]propane	-	-	Not readily
xylene	-	-	Readily
Hydrocarbons, C9, aromatics > 0.1% cumene	-	-	Readily
ethylbenzene	-	-	Readily

### 12.3 Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
xylene ethylbenzene cumene	3.12	7.4 to 18.5	Low
	3.6	79.43	Low
	3.55	35.48	Low

### 12.4 Mobility in soil

**Soil/water partition coefficient** : Not available.

**Mobility** : Not available.

### 12.5 Results of PBT and vPvB assessment

Product/ingredient name	PBT	P	B	T	vPvB	vP	vB
Is-[4-(2,3-epoxipropoxy)phenyl]propane	No	N/A	N/A	No	N/A	N/A	N/A
xylene	No	N/A	No	No	No	N/A	No
Hydrocarbons, C9, aromatics > 0.1% cumene	N/A	N/A	N/A	Yes	N/A	N/A	N/A
ethylbenzene	No	N/A	No	Yes	No	N/A	No
Solvent naphtha (petroleum), light arom. Nota(s) P	No	N/A	N/A	No	N/A	N/A	N/A
cumene	No	N/A	No	Yes	No	N/A	No

**12.6 Other adverse effects** : No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 13.1 Waste treatment methods

#### Product

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

#### Hazardous waste

#### Waste catalogue

**Code** : 00289903 **Date of issue/Date of revision** : 19 June 2026  
**AMERLOCK 2/400 BASE (TINTED)**

## SECTION 13: Disposal considerations

Waste code	Waste designation
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances

### Packaging

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Type of packaging	Waste catalogue
Container	15 01 06 mixed packaging

**Special precautions** : This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
<b>14.1 UN number</b>	UN1263	UN1263	UN1263	UN1263
<b>14.2 UN proper shipping name</b>	PAINT	PAINT	PAINT	PAINT
<b>14.3 Transport hazard class(es)</b>	3	3	3	3
<b>14.4 Packing group</b>	III	III	III	III
<b>14.5 Environmental hazards</b>	Yes.	Yes.	Yes.	Yes. The environmentally hazardous substance mark is not required.
<b>Marine pollutant substances</b>	Not applicable.	Not applicable.	(bis-[4-(2,3-epoxipropoxy)phenyl]propane)	Not applicable.

### Additional information

**ADR/RID** : The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.  
**Tunnel code** : (D/E)  
**ADN** : The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.  
**IMDG** : The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg.  
**IATA** : The environmentally hazardous substance mark may appear if required by other transportation regulations.

**14.6 Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**14.7 Transport in bulk according to IMO instruments** : Not available.

**Code** : 00289903 **Date of issue/Date of revision** : 19 June 2026  
**AMERLOCK 2/400 BASE (TINTED)**

## SECTION 15: Regulatory information

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

#### UK (GB)/REACH

##### Annex XIV - List of substances subject to authorisation

###### Annex XIV

None of the components are listed.

###### Substances of very high concern

None of the components are listed.

**Explosive precursors** : Not applicable.

###### Ozone depleting substances

Not listed.

##### Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Product/ingredient name	Entry Number (REACH)
<input checked="" type="checkbox"/> AMERLOCK 2/400 BASE (TINTED)	3
cumene	28 28

**Labelling** : Restricted to professional users.

##### Seveso Directive

This product is controlled under the Seveso Directive.

##### Danger criteria

Category
P5c E2

## SECTION 16: Other information

Indicates information that has changed from previously issued version.

##### Abbreviations and acronyms

: ATE = Acute Toxicity Estimate  
 GB CLP = UK CLP (EC No 1272/2008) on the Classification, Labelling and Packaging of Substances and Mixtures as amended by (EU Exit) Regulations 2019 No. 720 and amendments  
 DMEL = Derived Minimal Effect Level  
 DNEL = Derived No Effect Level  
 EUH statement = GB CLP-specific Hazard statement  
 N/A = Not available  
 PBT = Persistent, Bioaccumulative and Toxic  
 PNEC = Predicted No Effect Concentration  
 RRN = REACH Registration Number  
 SGG = Segregation Group  
 vPvB = Very Persistent and Very Bioaccumulative

##### Procedure used to derive the classification

Classification	Justification
<input checked="" type="checkbox"/> Am. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Carc. 1B, H350 Aquatic Chronic 2, H411	On basis of test data Calculation method Calculation method Calculation method Calculation method Calculation method

##### Full text of abbreviated H statements

**Code** : 00289903 **Date of issue/Date of revision** : 19 June 2026  
**AMERLOCK 2/400 BASE (TINTED)**

## SECTION 16: Other information

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H350	May cause cancer.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

### Full text of classifications

Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Chronic 2	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2
Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Asp. Tox. 1	ASPIRATION HAZARD - Category 1
Carc. 1B	CARCINOGENICITY - Category 1B
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Flam. Liq. 2	FLAMMABLE LIQUIDS - Category 2
Flam. Liq. 3	FLAMMABLE LIQUIDS - Category 3
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

### History

**Date of issue/ Date of revision** : 19 June 2026  
**Date of previous issue** : 2 January 2026  
**Prepared by** : EHS  
**Version** : 1.05

### Disclaimer

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