

# SAFETY DATA SHEET

Date of issue/Date of revision

: 2 January 2026

Version

: 2.01



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

### 1.1 Product identifier

**Product name** : AMERCOAT 229T LIGHT TINT RESIN

**Product code** : 00334036

**Other means of identification**

Not available.

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

**Product use** : Industrial 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 Regulation (EC) No. 1272/2008 [CLP/GHS]**

Flam. Liq. 3, H226

Eye Irrit. 2, H319

Skin Sens. 1, H317

Carc. 2, H351

STOT SE 3, H336

Aquatic Chronic 2, H411

The product is classified as hazardous according to Regulation (EC) 1272/2008 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.

Code : 00334036

Date of issue/Date of revision

: 2 January 2026

AMERCOAT 229T LIGHT TINT RESIN

## SECTION 2: Hazards identification

### 2.2 Label elements

Hazard pictograms

:



Signal word

: Warning

Hazard statements

: Flammable liquid and vapour.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
May cause drowsiness or dizziness.  
Suspected of causing 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.

Storage

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

Disposal

: Dispose of contents and container in accordance with all local, regional, national and international regulations.

P280, P210, P273, P391, P403 + P233, P501

Hazardous ingredients

: ☒ heptan-2-one; 2-methoxy-1-methylethyl acetate; 2,2-bis(acryloyloxymethyl)butyl acrylate; Glycerol, propoxylated, esters with acrylic acid; 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid and maleic anhydride

Supplemental label elements

: ☒ Not applicable.

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

: Not applicable.

### 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.

Code	: 00334036	Date of issue/Date of revision	: 2 January 2026
AMERCOAT 229T LIGHT TINT RESIN			

SECTION 2: Hazards identification

**Product meets the criteria for endocrine disrupting properties according to Regulation (EC) No. 1907/2006.** : Based on available data, the classification criteria are not met.

**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	% by weight	Classification	Specific Conc. Limits, M-factors and ATEs	Type
heptan-2-one	REACH #: 01-2119902391-49 EC: 203-767-1 CAS: 110-43-0 Index: 606-024-00-3	≥10 - ≤25	Flam. Liq. 3, H226 Acute Tox. 4, H302 Acute Tox. 4, H332 STOT SE 3, H336	ATE [Oral] = 1600 mg/kg ATE [Inhalation (vapours)] = 16.7 mg/l	[1] [2]
2-methoxy-1-methylethyl acetate	REACH #: 01-2119475791-29 EC: 203-603-9 CAS: 108-65-6 Index: 607-195-00-7	≥5.0 - ≤10	Flam. Liq. 3, H226 STOT SE 3, H336	-	[1] [2]
2,2-bis(acryloyloxymethyl) butyl acrylate	REACH #: 01-2119489896-11 EC: 239-701-3 CAS: 15625-89-5 Index: 607-111-00-9	≥1.0 - ≤5.0	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Carc. 2, H351 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	M [Acute] = 1 M [Chronic] = 1	[1]
butan-1-ol	REACH #: 01-2119484630-38 EC: 200-751-6 CAS: 71-36-3 Index: 603-004-00-6	≥1.0 - <3.0	Flam. Liq. 3, H226 Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 STOT SE 3, H336	ATE [Oral] = 790 mg/kg	[1] [2]
(2-methoxymethylethoxy) propanol	REACH #: 01-2119450011-60 EC: 252-104-2 CAS: 34590-94-8	≥1.0 - ≤5.0	Not classified.	-	[2]
n-butyl acetate	REACH #: 01-2119485493-29 EC: 204-658-1 CAS: 123-86-4 Index: 607-025-00-1	≥1.0 - ≤5.0	Flam. Liq. 3, H226 STOT SE 3, H336 EUH066	-	[1] [2]
Glycerol, propoxylated, esters with acrylic acid	REACH #: 01-2119487948-12 EC: 500-114-5 CAS: 52408-84-1	<1.0	Eye Irrit. 2, H319 Skin Sens. 1B, H317	-	[1]
4,4'-Isopropylidenediphenol,	REACH #:	<1.0	Skin Sens. 1, H317	-	[1]

Code : 00334036 Date of issue/Date of revision : 2 January 2026  
AMERCOAT 229T LIGHT TINT RESIN

### SECTION 3: Composition/information on ingredients

oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid	01-2119490020-53 EC: 500-130-2 CAS: 55818-57-0		Aquatic Chronic 2, H411		
propylidynetrimethanol	REACH #: 01-2119486799-10 EC: 201-074-9 CAS: 77-99-6	≤0.30	Repr. 2, H361fd	-	[1] [2]
maleic anhydride	REACH #: 01-2119472428-31 EC: 203-571-6 CAS: 108-31-6 Index: 607-096-00-9	≤0.10	Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Resp. Sens. 1, H334 Skin Sens. 1A, H317 STOT RE 1, H372 (respiratory system) (inhalation) EUH071 <b>See Section 16 for the full text of the H statements declared above.</b>	ATE [Oral] = 400 mg/kg Skin Sens. 1, H317: C ≥ 0.001%	[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

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.

In case of accidental eye contact, avoid direct exposure to the sun or other sources of UV light as severe irritation including burns may result. These reactions can be delayed – get medical attention if pain, irritation or blistering occurs after contact.

##### 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.

In case of accidental skin contact, avoid direct exposure to the sun or other sources of UV light as severe irritation including burns may result. These reactions can be delayed – get medical attention if pain, irritation, rash or blistering occurs after contact.

##### Ingestion

: If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.

Code : 00334036

Date of issue/Date of revision

: 2 January 2026

AMERCOAT 229T LIGHT TINT RESIN

## SECTION 4: First aid measures

**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

**Eye contact** : Causes serious eye irritation.

**Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.

**Skin contact** : Defatting to the skin. May cause skin dryness and irritation. May cause an allergic skin reaction.

**Ingestion** : Can cause central nervous system (CNS) depression.

#### Over-exposure signs/symptoms

**Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness

**Inhalation** : Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness

**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.

Code : 00334036

Date of issue/Date of revision

: 2 January 2026

AMERCOAT 229T LIGHT TINT RESIN

## SECTION 5: Firefighting measures

**Hazardous combustion products** : Decomposition products may include the following materials:  
carbon oxides  
metal oxide/oxides

### 5.3 Advice for firefighters

**Special precautions 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 European standard EN 469 will provide a basic level of protection for chemical incidents.

## 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 or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**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. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.

### 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.

Code	: 00334036	Date of issue/Date of revision	: 2 January 2026
AMERCOAT 229T LIGHT TINT RESIN			

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
- Advice on general occupational hygiene
- : 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.
  - : 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

- : Do not store above the following temperature: 50°C (122°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

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).

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
heptan-2-one	EU OEL (Europe, 1/2022) Absorbed through skin. TWA 8 hours: 50 ppm. TWA 8 hours: 238 mg/m³. STEL 15 minutes: 100 ppm. STEL 15 minutes: 475 mg/m³.
2-methoxy-1-methylethyl acetate	EU OEL (Europe, 1/2022) Absorbed through skin. TWA 8 hours: 50 ppm. TWA 8 hours: 275 mg/m³. STEL 15 minutes: 100 ppm. STEL 15 minutes: 550 mg/m³.



Code	: 00334036	Date of issue/Date of revision	: 2 January 2026
AMERCOAT 229T LIGHT TINT RESIN			

SECTION 8: Exposure controls/personal protection

butan-1-ol	ACGIH TLV (United States, 1/2025) TWA 8 hours: 20 ppm.
(2-methoxymethylethoxy)propanol	EU OEL (Europe, 1/2022) [(2-Methoxymethylethoxy)-propanol] Absorbed through skin. TWA 8 hours: 50 ppm. TWA 8 hours: 308 mg/m³.
n-butyl acetate	EU OEL (Europe, 1/2022) STEL 15 minutes: 150 ppm. STEL 15 minutes: 723 mg/m³. TWA 8 hours: 241 mg/m³. TWA 8 hours: 50 ppm.
propylidynetrimethanol	ACGIH TLV (United States, 1/2025) TWA 8 hours: 0.5 ppm. Form: Inhalable fraction and vapor.
maleic anhydride	ACGIH TLV (United States, 1/2025) A4. Skin sensitiser , Inhalation sensitiser. TWA 8 hours: 0.01 mg/m³. Form: Inhalable fraction and vapor.

**Recommended monitoring procedures** : Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard 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

Product/ingredient name	Exposure	Value
heptan-2-one	DNEL - General population - Long term - Oral	Systemic 23.32 mg/kg bw/day
	DNEL - General population - Long term - Dermal	Systemic 23.32 mg/kg bw/day
	DNEL - Workers - Long term - Dermal	Systemic 54.27 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Systemic 84.31 mg/m³
	DNEL - Workers - Long term - Inhalation	Systemic 394.25 mg/m³
	DNEL - Workers - Short term - Inhalation	Systemic 1516 mg/m³
	DNEL - General population - Long term - Inhalation	Local 33 mg/m³
	DNEL - General population - Long term - Inhalation	Systemic 33 mg/m³
	DNEL - General population - Long term - Oral	Systemic 36 mg/kg bw/day
	DNEL - Workers - Long term - Inhalation	Systemic 275 mg/m³
2-methoxy-1-methylethyl acetate	DNEL - General population - Long term - Dermal	Systemic 320 mg/kg bw/day
	DNEL - Workers - Short term - Inhalation	Local 550 mg/m³
	DNEL - Workers - Long term - Dermal	Systemic 796 mg/kg bw/day
	DNEL - Workers - Long term - Inhalation	Systemic 17.1 mg/m³
	DNEL - Workers - Long term - Dermal	Systemic 404 mg/kg bw/day
2,2-bis(acryloyloxymethyl) butyl acrylate	DNEL - General population - Long term - Oral	Systemic 1.5625 mg/kg bw/day
	DNEL - General population - Long term - Dermal	Systemic 3.125 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Systemic 55.357 mg/m³
	DNEL - General population - Long term - Inhalation	Local 155 mg/m³
	DNEL - Workers - Long term - Inhalation	Local 310 mg/m³
butan-1-ol	DNEL - Workers - Long term - Dermal	Systemic 404 mg/kg bw/day
	DNEL - General population - Long term - Oral	Systemic 1.5625 mg/kg bw/day
	DNEL - General population - Long term - Dermal	Systemic 3.125 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Systemic 55.357 mg/m³
	DNEL - General population - Long term - Inhalation	Local 155 mg/m³
butan-1-ol	DNEL - Workers - Long term - Inhalation	Local 310 mg/m³
	DNEL - Workers - Long term - Inhalation	Local 310 mg/m³
	DNEL - Workers - Long term - Inhalation	Local 310 mg/m³
	DNEL - Workers - Long term - Inhalation	Local 310 mg/m³
	DNEL - Workers - Long term - Inhalation	Local 310 mg/m³
English (GB)		Europe
		8/21



Code : 00334036

Date of issue/Date of revision

: 2 January 2026

AMERCOAT 229T LIGHT TINT RESIN

## SECTION 8: Exposure controls/personal protection

(2-methoxymethylethoxy) propanol	DNEL - General population - Long term - Oral	Systemic	36 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Systemic	37.2 mg/m <sup>3</sup>
n-butyl acetate	DNEL - General population - Long term - Dermal	Systemic	121 mg/kg bw/day
	DNEL - Workers - Long term - Dermal	Systemic	283 mg/kg bw/day
	DNEL - Workers - Long term - Inhalation	Systemic	308 mg/m <sup>3</sup>
	DNEL - Workers - Long term - Inhalation	Systemic	300 mg/m <sup>3</sup>
	DNEL - Workers - Long term - Dermal	Systemic	11 mg/m <sup>3</sup>
	DNEL - General population - Long term - Oral	Systemic	2 mg/kg bw/day
	DNEL - General population - Short term - Oral	Systemic	2 mg/kg bw/day
	DNEL - General population - Long term - Dermal	Systemic	3.4 mg/kg bw/day
	DNEL - General population - Short term - Dermal	Systemic	6 mg/kg bw/day
	DNEL - Workers - Long term - Dermal	Systemic	7 mg/kg bw/day
	DNEL - Workers - Short term - Dermal	Systemic	11 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Systemic	12 mg/m <sup>3</sup>
	DNEL - General population - Long term - Inhalation	Local	35.7 mg/m <sup>3</sup>
	DNEL - Workers - Long term - Inhalation	Systemic	48 mg/m <sup>3</sup>
	DNEL - General population - Short term - Inhalation	Local	300 mg/m <sup>3</sup>
	DNEL - General population - Short term - Inhalation	Systemic	300 mg/m <sup>3</sup>
	DNEL - Workers - Long term - Inhalation	Local	300 mg/m <sup>3</sup>
	DNEL - Workers - Short term - Inhalation	Local	600 mg/m <sup>3</sup>
Glycerol, propoxylated, esters with acrylic acid	DNEL - Workers - Short term - Inhalation	Systemic	600 mg/m <sup>3</sup>
	DNEL - Workers - Long term - Dermal	Systemic	2.1 mg/kg bw/day
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid	DNEL - Workers - Long term - Inhalation	Systemic	7.4 mg/m <sup>3</sup>
	DNEL - Workers - Long term - Inhalation	Systemic	1.17 mg/m <sup>3</sup>
propylidynetrimethanol	DNEL - Workers - Long term - Dermal	Systemic	33 mg/kg bw/day
	DNEL - General population - Long term - Oral	Systemic	0.34 mg/kg bw/day
	DNEL - General population - Long term - Dermal	Systemic	0.34 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Systemic	0.58 mg/m <sup>3</sup>
maleic anhydride	DNEL - Workers - Long term - Dermal	Systemic	0.94 mg/kg bw/day
	DNEL - Workers - Long term - Inhalation	Systemic	3.3 mg/m <sup>3</sup>
	DNEL - Workers - Long term - Inhalation	Systemic	0.4 mg/m <sup>3</sup>
	DNEL - Workers - Long term - Inhalation	Local	0.4 mg/m <sup>3</sup>
	DNEL - General population - Long term - Inhalation	Systemic	0.05 mg/m <sup>3</sup>
	DNEL - General population - Long term - Oral	Systemic	0.06 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Local	0.08 mg/m <sup>3</sup>
	DNEL - Workers - Long term - Inhalation	Local	0.081 mg/m <sup>3</sup>
	DNEL - Workers - Long term - Inhalation	Systemic	0.081 mg/m <sup>3</sup>
	DNEL - General population - Short term - Oral	Systemic	0.1 mg/kg bw/day
	DNEL - General population - Short term - Dermal	Systemic	0.1 mg/kg bw/day
	DNEL - General population - Long term - Dermal	Systemic	0.1 mg/kg bw/day
	DNEL - Workers - Short term - Dermal	Systemic	0.2 mg/kg bw/day
	DNEL - Workers - Long term - Dermal	Systemic	0.2 mg/kg bw/day
	DNEL - Workers - Short term - Inhalation	Local	0.2 mg/m <sup>3</sup>

Code : 00334036

Date of issue/Date of revision

: 2 January 2026

AMERCOAT 229T LIGHT TINT RESIN

## SECTION 8: Exposure controls/personal protection

	DNEL - Workers - Short term - Inhalation	Systemic	0.2 mg/m <sup>3</sup>
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### PNECs

Product/ingredient name	Compartment Detail - Method	Value
heptan-2-one	Fresh water - Assessment Factors	0.0982 mg/l
	Marine water - Assessment Factors	0.00982 mg/l
	Fresh water sediment - Equilibrium Partitioning	1.89 mg/kg
	Marine water sediment - Equilibrium Partitioning	0.189 mg/kg
	Sewage Treatment Plant - Assessment Factors	12.5 mg/l
	Soil - Equilibrium Partitioning	0.321 mg/kg
2-methoxy-1-methylethyl acetate	Fresh water	0.635 mg/l
	Marine water	0.0635 mg/l
	Fresh water sediment	3.29 mg/kg
	Marine water sediment	0.329 mg/kg
	Soil	0.29 mg/kg
	Sewage Treatment Plant	100 mg/l
butan-1-ol	Fresh water	0.082 mg/l
	Marine water	0.0082 mg/l
	Fresh water sediment	0.178 mg/kg
	Marine water sediment	0.0178 mg/kg
	Soil	0.015 mg/kg
	Sewage Treatment Plant	2476 mg/l
(2-methoxymethylethoxy)propanol	Fresh water - Assessment Factors	19 mg/l
	Marine water - Assessment Factors	1.9 mg/l
	Sewage Treatment Plant - Assessment Factors	4168 mg/l
	Fresh water sediment - Equilibrium Partitioning	70.2 mg/kg
	Marine water sediment - Equilibrium Partitioning	7.02 mg/kg
	Soil - Equilibrium Partitioning	2.74 mg/kg
n-butyl acetate	Fresh water	0.18 mg/l
	Marine water	0.018 mg/l
	Fresh water sediment	0.981 mg/kg
	Marine water sediment	0.0981 mg/kg
	Sewage Treatment Plant	35.6 mg/l
	Soil	0.0903 mg/kg
maleic anhydride	Fresh water - Assessment Factors	0.1 mg/l
	Marine water - Assessment Factors	0.01 mg/l
	Sewage Treatment Plant - Assessment Factors	44.6 mg/l
	Fresh water sediment - Equilibrium Partitioning	0.334 mg/kg dwt
	Marine water sediment - Equilibrium Partitioning	0.033 mg/kg dwt
	Soil - Equilibrium Partitioning	0.042 mg/kg dwt

### 8.2 Exposure controls

**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. Use eye protection according to EN 166.

Code : 00334036

Date of issue/Date of revision

: 2 January 2026

AMERCOAT 229T LIGHT TINT RESIN

## SECTION 8: Exposure controls/personal protection

### 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.

#### Gloves

: polyethylene butyl rubber

#### 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. Refer to European Standard EN 1149 for further information on material and design requirements and test methods.

#### 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

: Not available.

##### Odour

: Characteristic.

##### Melting point/freezing point

: Not determined.

##### Boiling point or initial boiling point and boiling range

: >37.78°C

##### Flammability

: Not determined. There are no data available on the mixture itself.

##### Lower and upper explosion limit

: Not available.

Code	: 00334036	Date of issue/Date of revision	: 2 January 2026
AMERCOAT 229T LIGHT TINT RESIN			

SECTION 9: Physical and chemical properties

Flash point

: Closed cup: 42.22°C

Auto-ignition temperature

:

Ingredient name	°C	°F	Method
2-methoxymethylethoxy)propanol	207	404.6	EU A.15

Decomposition temperature

: Stable under recommended storage and handling conditions (see Section 7).

pH

: Not applicable. insoluble in water.

Viscosity

: Dynamic (room temperature): Not available.  
Kinematic (room temperature): Not available.  
Kinematic (40°C): >21 mm²/s

Solubility

:

Media	Result
cold water	Not soluble

Solubility in water

: 3.6 g/l

Partition coefficient n-octanol/ water (log Pow)

: Not applicable.

Vapour pressure

: 0.43 kPa (3.2 mm Hg)

Relative density

: 1.38

Particle characteristics

Median particle size

: Not applicable.

9.2 Other information

9.2.1 Information with regard to physical hazard classes

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.

9.2.2 Other safety characteristics

Evaporation rate

: 0.4 (butyl acetate = 1)

No additional information.

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	: 00334036	Date of issue/Date of revision	: 2 January 2026
AMERCOAT 229T LIGHT TINT RESIN			

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly.

- Causes serious eye irritation.
- May cause an allergic skin reaction.
- Suspected of causing cancer.
- May cause drowsiness or dizziness.

Acute toxicity

Product/ingredient name	Result	Dose / Exposure
heptan-2-one	Rat - Oral - LD50	1.6 g/kg
	Rabbit - Dermal - LD50	10.206 g/kg
	Rat - Inhalation - LC50 Vapour	16.7 mg/l [4 hours]
2-methoxy-1-methylethyl acetate	Rabbit - Dermal - LD50	>5 g/kg
	Rat - Oral - LD50	6190 mg/kg
	Rat - Inhalation - LC50 Vapour	30 mg/l [4 hours]
2,2-bis(acryloyloxymethyl)butyl acrylate	Rabbit - Dermal - LD50	5170 mg/kg
butan-1-ol	Rat - Oral - LD50	5.19 g/kg
	Rabbit - Dermal - LD50	3400 mg/kg
	<u>Toxic effects:</u> Eye - Corneal damage Cardiac - Pulse rate Lung, Thorax, or Respiration - Dyspnea	
	Rat - Oral - LD50	790 mg/kg
	<u>Toxic effects:</u> Liver - Fatty liver degeneration Kidney, Ureter, and Bladder - Other changes Blood - Other changes	
n-butyl acetate	Rat - Inhalation - LC50 Vapour	24000 mg/m³ [4 hours]
	Rabbit - Dermal - LD50	>17600 mg/kg
	Rat - Oral - LD50	10.768 g/kg
	Rat - Inhalation - LC50 Vapour	2000 ppm [4 hours]
	Rat - Inhalation - LC50 Vapour	>21.1 mg/l [4 hours]
	Rat - Oral - LD50	>5000 mg/kg
Glycerol, propoxylated, esters with acrylic acid		
	Rabbit - Dermal - LD50	>2000 mg/kg
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid	Rat - Dermal - LD50	>2000 mg/kg
	<u>Toxic effects:</u> no mortality or severe clinical signs were observed in rats	
propylidynetrimethanol	Rat - Oral - LD50	14000 mg/kg
	Rabbit - Dermal - LD50	10 g/kg
maleic anhydride	Rabbit - Dermal - LD50	2620 mg/kg
	Rat - Oral - LD50	400 mg/kg

Acute toxicity estimates

Route	ATE value
Oral	9810.79 mg/kg
Inhalation (vapours)	146.21 mg/l

Conclusion/Summary : Based on available data, the classification criteria are not met.

Irritation/Corrosion

Code	: 00334036	Date of issue/Date of revision	: 2 January 2026
AMERCOAT 229T LIGHT TINT RESIN			

SECTION 11: Toxicological information

Product/ingredient name	Result
2,2-bis(acryloyloxymethyl)butyl acrylate	Rabbit - Skin - Irritant
butan-1-ol	Rabbit - Eyes - Cornea opacity Irritation score: 4

Conclusion/Summary

- Skin : Based on available data, the classification criteria are not met.
- Eyes : Causes serious eye irritation.
- Respiratory : Based on available data, the classification criteria are not met.

Respiratory or skin sensitization

Product/ingredient name	Test	Result
2,2-bis(acryloyloxymethyl)butyl acrylate	Rabbit - skin	Sensitising
Glycerol, propoxylated, esters with acrylic acid	Mouse - skin OECD 429	Sensitising
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid	Mouse - skin OECD 406	Sensitising

Conclusion/Summary

- Skin : May cause an allergic skin reaction.
- Respiratory : Based on available data, the classification criteria are not met.

Mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Suspected of causing cancer.

Reproductive toxicity

Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
heptan-2-one	Category 3	-	Narcotic effects
2-methoxy-1-methylethyl acetate	Category 3	-	Narcotic effects
butan-1-ol	Category 3	-	Respiratory tract irritation
-	Category 3	-	Narcotic effects
n-butyl acetate	Category 3	-	Narcotic effects

Conclusion/Summary

May cause drowsiness or dizziness.

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
maleic anhydride	Category 1	inhalation	respiratory system

Conclusion/Summary

Based on available data, the classification criteria are not met.

Aspiration hazard



Code : 00334036

Date of issue/Date of revision

: 2 January 2026

AMERCOAT 229T LIGHT TINT RESIN

## SECTION 11: Toxicological information

Based on available data, the classification criteria are not met.

Information on likely routes of exposure : Not available.

### Potential acute health effects

- Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
- Ingestion** : Can cause central nervous system (CNS) depression.
- Skin contact** : Defatting to the skin. May cause skin dryness and irritation. May cause an allergic skin reaction.
- Eye contact** : Causes serious eye irritation.

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

- Inhalation** : Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness
- Ingestion** : No specific data.
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
dryness  
cracking
- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness

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

#### Short term exposure

- Potential immediate effects** : No known significant effects or critical hazards.
- Potential delayed effects** : No known significant effects or critical hazards.

#### Long term exposure

- Potential immediate effects** : No known significant effects or critical hazards.
- Potential delayed effects** : No known significant effects or critical hazards.

### Potential chronic health effects

- 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** : Suspected of causing 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** :



Code	: 00334036	Date of issue/Date of revision	: 2 January 2026
AMERCOAT 229T LIGHT TINT RESIN			

SECTION 11: Toxicological information

Prolonged or repeated contact may dry skin and cause irritation. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapour/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. Acrylate components of the mixture have irritating properties. Prolonged or repeated contact with skin or mucous membrane may result in irritation symptoms, such as redness, blistering, dermatitis etc. May cause allergic skin reactions with repeated exposure. The inhalation of airborne droplets or aerosols may cause irritation of the respiratory tract. Ingestion may cause nausea, weakness and central nervous system effects. In case of accidental skin contact, avoid direct exposure to the sun or other sources of UV light as severe irritation including burns may result. These reactions can be delayed – get medical attention if pain, irritation, rash or blistering occurs after contact. Avoid contact with skin and clothing.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008.

11.2.2 Other information

Not available.

SECTION 12: Ecological information

There are no data available on the mixture itself.  
Do not allow to enter drains or watercourses.

The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is classified for eco-toxicological properties accordingly. See Sections 2 and 3 for details.

12.1 Toxicity

Product/ingredient name	Result	Species	Dose / Exposure
Heptan-2-one	Acute - LC50	Fish	131 mg/l [96 hours]
2-methoxy-1-methylethyl acetate	Acute - LC50 - Fresh water	Fish - Trout - <i>Oncorhynchus mykiss</i>	134 mg/l [96 hours]
2,2-bis(acryloyloxymethyl) butyl acrylate	Acute - LC50	Fish	0.87 mg/l [96 hours]
butan-1-ol	Acute - LC50	Fish	1376 mg/l [96 hours]
n-butyl acetate	Acute - LC50	Fish	18 mg/l [96 hours]
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid	Chronic - NOEC - Fresh water	Fish	0.25 mg/l [33 days]
	Chronic - NOEC - Fresh water	Daphnia	0.51 mg/l [21 days]
propylidynetrimethanol	Acute - LC50	Fish	>1000 mg/l [96 hours]

Conclusion/Summary : Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose / Inoculum
Heptan-2-one	OECD 310	69% [28 days] - Readily	
2-methoxy-1-methylethyl acetate	-	83% [28 days] - Readily	
n-butyl acetate	TEPA and OECD 301D	83% [28 days] - Readily	

Code	: 00334036	Date of issue/Date of revision	: 2 January 2026
AMERCOAT 229T LIGHT TINT RESIN			

SECTION 12: Ecological information

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
heptan-2-one	-	-	Readily
2-methoxy-1-methylethyl acetate	-	-	Readily
n-butyl acetate	-	-	Readily
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid	-	-	Inherent

12.3 Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
heptan-2-one	2.26	-	Low
2-methoxy-1-methylethyl acetate	1.2	-	Low
2,2-bis(acryloyloxymethyl)butyl acrylate	0.67	-	Low
butan-1-ol	1	-	Low
(2-methoxymethylethoxy)propanol	0.004	-	Low
n-butyl acetate	2.3	-	Low
Glycerol, propoxylated, esters with acrylic acid	2.52	-	Low
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid	1.6 to 3	-	Low
propylidynetrimethanol	-0.47	-	Low
maleic anhydride	-2.78	-	Low

12.4 Mobility in soil

Soil/water partition coefficient

Product/ingredient name	logK <sub>oc</sub>	K <sub>oc</sub>
heptan-2-one	1.6	39.9018
2-methoxy-1-methylethyl acetate	0.36	2.31363
2,2-bis(acryloyloxymethyl)butyl acrylate	2.2	157.193
butan-1-ol	0.51	3.22078
n-butyl acetate	1.5	33.2139
propylidynetrimethanol	1.2	16.5101
maleic anhydride	1.1	11.4841

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties

The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008.

12.7 Other adverse effects

Code	: 00334036	Date of issue/Date of revision	: 2 January 2026
AMERCOAT 229T LIGHT TINT RESIN			

SECTION 12: Ecological information

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	:

European waste catalogue (EWC)

Waste code	Waste designation
08 01 99	wastes not otherwise specified

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	European waste catalogue (EWC)
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.
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SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number or ID number	UN1263	UN1263	UN1263	UN1263
14.2 UN proper shipping name	PAINT	PAINT	PAINT	PAINT
14.3 Transport hazard class(es)	3	3	3	3
14.4 Packing group	III	III	III	III
14.5 Environmental hazards	Yes.	Yes.	Yes.	Yes. The environmentally hazardous substance mark is not required.

Code	: 00334036	Date of issue/Date of revision	: 2 January 2026
AMERCOAT 229T LIGHT TINT RESIN			

SECTION 14: Transport information

Marine pollutant substances	Not applicable.	Not applicable.	(2,2-bis (acryloyloxymethyl) butyl acrylate)	Not applicable.
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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 Maritime transport in bulk according to IMO instruments : Not applicable.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture  
EU Regulation (EC) No. 1907/2006 (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.

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 )
AMERCOAT 229T LIGHT TINT RESIN	3

- Labelling : Not applicable.

Other EU regulations

- Explosive precursors : Not applicable.
- Ozone depleting substances (EU 2024/590)  
Not listed.
- Persistent Organic Pollutants  
Not listed.

- Seveso Directive  
This product is controlled under the Seveso Directive.
- Danger criteria

Code	: 00334036	Date of issue/Date of revision	: 2 January 2026
AMERCOAT 229T LIGHT TINT RESIN			

SECTION 15: Regulatory information

Category
P5c E2

15.2 Chemical safety assessment : No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms

ATE = Acute Toxicity Estimate  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
DNEL = Derived No Effect Level  
EUH statement = CLP-specific Hazard statement  
PNEC = Predicted No Effect Concentration  
RRN = REACH Registration Number  
PBT = Persistent, Bioaccumulative and Toxic  
vPvB = Very Persistent and Very Bioaccumulative  
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
IMDG = International Maritime Dangerous Goods  
IATA = International Air Transport Association

Full text of abbreviated H statements

P226 H302 H314 H315 H317 H318 H319 H332 H334  H335 H336 H351 H361fd  H372 H400 H410 H411 EUH066 EUH071	Flammable liquid and vapour. Harmful if swallowed. Causes severe skin burns and eye damage. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Causes serious eye irritation. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness. Suspected of causing cancer. Suspected of damaging fertility. Suspected of damaging the unborn child. Causes damage to organs through prolonged or repeated exposure. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Toxic to aquatic life with long lasting effects. Repeated exposure may cause skin dryness or cracking. Corrosive to the respiratory tract.
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Full text of classifications [CLP/GHS]

Code	: 00334036	Date of issue/Date of revision	: 2 January 2026
AMERCOAT 229T LIGHT TINT RESIN			

SECTION 16: Other information

Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Aquatic Chronic 2	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2
Carc. 2	CARCINOGENICITY - Category 2
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Flam. Liq. 3	FLAMMABLE LIQUIDS - Category 3
Repr. 2	REPRODUCTIVE TOXICITY - Category 2
Resp. Sens. 1	RESPIRATORY SENSITISATION - Category 1
Skin Corr. 1B	SKIN CORROSION/IRRITATION - Category 1B
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1	SKIN SENSITISATION - Category 1
Skin Sens. 1A	SKIN SENSITISATION - Category 1A
Skin Sens. 1B	SKIN SENSITISATION - Category 1B
STOT RE 1	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 1
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3

History

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Date of previous issue	: 25 October 2023
Prepared by	: EHS
Version	: 2.01

Disclaimer

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by us, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.