

# SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by UK REACH Regulation SI 2019/758

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

1.1 Product identifier	
Product identifier	: MIX 008
Product name	: STANDOX BASECOAT METALLIC ADDITIVE
Product type	: Liquid.
Other means of identification	: 4024669867350
Date of issue	: 28 January 2024
Version	: 1.07
Date of previous issue	: 14 January 2024
1.2 Relevant identified use	es of the substance or mixture and uses advised against
Identified uses	: Coating component.
Uses advised against	: Not for sale to or use by consumers.
1.3 Details of the supplier	of the safety data sheet
Axalta Coating Systems Ge Christbusch 25 DE 42285 Wuppertal +49 (0)202 529-0	ərmany GmbH & Co. KG
e-mail address of person responsible for this SDS	: sds-competence@axalta.com
1.4 Emergency telephone	number
<u>Supplier</u>	

oupplier	
Telephone number	: +(44)-870-8200418
Hours of operation	:

# **SECTION 2: Hazards identification**

2.1 Classification of the sub	stance or mixtu	re		
Product definition	: Mixture			
Classification according to	OUK CLP/GHS			
Flam. Liq. 3, H226				
Skin Irrit. 2, H315				
Eye Dam. 1, H318				
Skin Sens. 1, H317				
STOT SE 3, H336				
Aquatic Chronic 3, H412				
The product is classified as	hazardous accord	ling to UK CLP Regulation	on SI 2019/720 as a	imended.
Ingredients of unknown toxicity		t of the mixture consists t of the mixture consists		unknown acute oral toxicity unknown acute dermal
	13.8 percen toxicity	t of the mixture consists	of component(s) of	unknown acute inhalation
Date of issue/Date of revision	: 1/28/2024	Date of previous issue	: 1/14/2024	Version : 1.07 1/20

# **SECTION 2: Hazards identification**

**Ingredients of unknown** : Contains 13.8% of components with unknown hazards to the aquatic environment **ecotoxicity** 

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	
Contains	<ul> <li>p-butyl acetate</li> <li>butan-1-ol</li> <li>Hydrocarbons, terpene processing by-products</li> <li>Fatty acids, C14-18 and C16-18-unsatd., maleated</li> <li>Formaldehyde, solution</li> <li>maleic anhydride</li> </ul>	
Hazard statements	<ul> <li>H226 - Flammable liquid and vapour.</li> <li>H315 - Causes skin irritation.</li> <li>H317 - May cause an allergic skin reaction.</li> <li>H318 - Causes serious eye damage.</li> <li>H336 - May cause drowsiness or dizziness.</li> <li>H412 - Harmful to aquatic life with long lasting effects.</li> </ul>	
Precautionary statements		
Prevention	<ul> <li>P280 - Wear protective gloves. Wear eye or face protection.</li> <li>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignitio sources. No smoking.</li> <li>P261 - Avoid breathing vapour.</li> <li>P264 - Wash hands thoroughly after handling.</li> </ul>	n
Response	: P305 + P351 + P338, P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.	
Storage	: Not applicable.	
Disposal	: Not applicable.	
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.	
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 vPvB.	а
Other hazards which do not result in classification	: None known.	

# **SECTION 3:** Composition/information on ingredients

B.2 Mixtures : Mixture							
Product/ingredient name	Identifiers	%	Classification	Туре			
n-butyl acetate	REACH #: 01-2119485493-29 EC: 204-658-1	≥25 - ≤50	Flam. Liq. 3, H226 STOT SE 3, H336 EUH066	[1] [2]			
(2-methoxymethylethoxy)propanol	CAS: 123-86-4 REACH #: 01-2119450011-60 EC: 252-104-2 CAS: 34590-94-8	≤10	Not classified.	[2]			
butan-1-ol	REACH #: 01-2119484630-38 EC: 200-751-6 CAS: 71-36-3 Index: 603-004-00-6	≤10	Flam. Liq. 3, H226 Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 STOT SE 3, H336	[1] [2]			
Reaction mass of ethylbenzene and xylene	REACH #: 01-2119539452-40 EC: 905-588-0	≤9.6	Flam. Liq. 3, H226 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412	[1]			
Hydrocarbons, terpene processing by-products	REACH #: 01-2119980606-28 EC: 273-309-3 CAS: 68956-56-9	≤5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411	[1]			
Propanol, 1(or 2)-ethoxy-, acetate	REACH #: 01-2119475116-39 EC: 259-370-9 CAS: 98516-30-4	≤3	Flam. Liq. 3, H226 STOT SE 3, H336	[1]			
Naphtha (petroleum), hydrotreated heavy	REACH #: 01-2119463258-33 EC: 919-857-5 CAS: 64742-48-9	≤3	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304 EUH066	[1]			
1,3,5-Triazine-2,4,6-triamine, polymer with formaldehyde, butylated	CAS: 68002-25-5	≤3	Aquatic Chronic 4, H413	[1]			
Fatty acids, C14-18 and C16-18-unsatd., maleated	REACH #: 01-2119976378-19 EC: 701-043-4 CAS: 85711-46-2	<1	Skin Irrit. 2, H315 Skin Sens. 1, H317	[1]			
formaldehyde	REACH #: 01-2119488953-20 EC: 200-001-8 CAS: 50-00-0 Index: 605-001-00-5	<0.1	Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 2, H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Muta. 2, H341 Carc. 1B, H350 STOT SE 3, H335	[1] [2]			
maleic anhydride	REACH #: 01-2119472428-31 EC: 203-571-6 CAS: 108-31-6 Index: 607-096-00-9	≤0.1	Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Resp. Sens. 1, H334 Skin Sens. 1A, H317 STOT RE 1, H372	[1] [2]			

SECTION 3: Composition/information on ingredients			
	(respiratory system) (inhalation) EUH071		
	See Section 16 for the full text of the H statements declared above.		

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.

<u>Type</u>

[1] Substance classified with a physical, health or environmental hazard

[2] Substance with a workplace exposure limit

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

## **SECTION 4: First aid measures**

### 4.1 Description of first aid measures

Eye contact	:	Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
Inhalation	:	Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin contact	:	Get medical attention immediately. Call a poison center or physician. Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	:	Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
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 <u>Over-exposure signs/symptoms</u>

Eye contact	: Adverse symptoms may include the following: pain 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: pain or irritation redness blistering may occur
Ingestion	: Adverse symptoms may include the following: stomach pains

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

Notes to physician	: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments	: No specific treatment.

# **SECTION 5: Firefighting measures**

5.1 Extinguishing media		
Suitable extinguishing media	:	Recommended: alcohol-resistant foam, CO <sub>2</sub> , powders, water spray.
Unsuitable extinguishing media	:	Do not use water jet.
5.2 Special hazards arising fr	on	ו the substance or mixture
Hazards from the substance or mixture	:	Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.
Hazardous combustion products	:	Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.
5.3 Advice for firefighters		
Special protective actions for fire-fighters	:	Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.
Special protective equipment for fire-fighters	:	Appropriate breathing apparatus may be required.

## **SECTION 6: Accidental release measures**

6.1 Personal precautions, pro	ote	ctive equipment and emergency procedures
For non-emergency personnel	:	Exclude sources of ignition and ventilate the area. Avoid breathing vapour or mist. Refer to protective measures listed in sections 7 and 8.
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	:	Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

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

Date of issue/Date of revision	: 1/28/2024	Date of previous issue	: 1/14/2024	Version : 1.07 5/20
--------------------------------	-------------	------------------------	-------------	---------------------

# **SECTION 6: Accidental release measures**

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). Preferably clean with a detergent. Avoid using solvents.

6.4 Reference to other	: See Section 1 for emergency contact information.
sections	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

Prevent the creation of flammable or explosive concentrations of vapours in air and avoid vapour concentrations higher than the occupational exposure limits.

In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.

Mixture may charge electrostatically: always use earthing leads when transferring from one container to another.

Operators should wear antistatic footwear and clothing and floors should be of the conducting type.

Keep away from heat, sparks and flame. No sparking tools should be used.

Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this mixture. Avoid inhalation of dust from sanding.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Put on appropriate personal protective equipment (see Section 8).

Never use pressure to empty. Container is not a pressure vessel.

Always keep in containers made from the same material as the original one.

Comply with the health and safety at work laws.

Do not allow to enter drains or watercourses.

#### Information on fire and explosion protection

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

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

Store in accordance with local regulations.

#### Notes on joint storage

Keep away from: oxidising agents, strong alkalis, strong acids.

#### Additional information on storage conditions

Observe label precautions. Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight. Keep away from sources of ignition. No smoking. Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### Seveso Directive - Reporting thresholds

#### Danger criteria

	Notification and MAPP threshold	Safety report threshold
P5c	5000 tonne	50000 tonne

#### 7.3 Specific end use(s)

Recommendations	: Not available.
Industrial sector specific solutions	: Not available.

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

### 8.1 Control parameters

### **Occupational exposure limits**

Product/ingredient name	Exposure limit values
n-butyl acetate	EH40/2005 WELs (United Kingdom (UK), 1/2020).
	STEL: 966 mg/m <sup>3</sup> 15 minutes.
	STEL: 200 ppm 15 minutes.
	TWA: 724 mg/m³ 8 hours.
	TWA: 150 ppm 8 hours.
(2-methoxymethylethoxy)propanol	EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed
	through skin.
	TWA: 308 mg/m <sup>3</sup> 8 hours.
	TWA: 50 ppm 8 hours.
butan-1-ol	EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed
	through skin.
	STEL: 154 mg/m <sup>3</sup> 15 minutes.
	STEL: 50 ppm 15 minutes.
formaldehyde	EH40/2005 WELs (United Kingdom (UK), 1/2020).
	STEL: 2.5 mg/m <sup>3</sup> 15 minutes.
	STEL: 2 ppm 15 minutes.
	TWA: 2 ppm 8 hours.
	TWA: 2.5 mg/m <sup>3</sup> 8 hours.
maleic anhydride	EH40/2005 WELs (United Kingdom (UK), 1/2020). Inhalation
	sensitiser.
	STEL: 3 mg/m <sup>3</sup> 15 minutes.
	TWA: 1 mg/m <sup>3</sup> 8 hours.

### **Biological exposure indices**

No exposure indices known.

Recommended monitoring	:	Reference should be made to appropriate monitoring standards. Reference to
procedures		national guidance documents for methods for the determination of hazardous
-		substances will also be required.

#### **DNELs/DMELs**

Product/ingredient name	Туре	Exposure	Value	Population	Effects
r-butyl acetate	DNEL	Short term Dermal	11 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Oral	2 mg/kg bw/day	General population	Systemic
	DNEL	Short term Oral	2 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	3.4 mg/kg bw/day	General	Systemic
	DNEL	Short term Dermal	6 mg/kg bw/day	General	Systemic
	DNEL	Long term Dermal	7 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Dermal	11 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	12 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term	35.7 mg/m <sup>3</sup>		Local
	DNEL	Long term Inhalation	48 mg/m³	Workers	Systemic
	DNEL	Short term Inhalation	300 mg/m <sup>3</sup>	General population	Local
	DNEL	Short term Inhalation	300 mg/m <sup>3</sup>	General	Systemic
	DNEL	Long term Inhalation	300 mg/m <sup>3</sup>	Workers	Local
	DNEL	Short term	600 mg/m <sup>3</sup>	Workers	Local

ECTION 8: Exposure cont		•			
	DNEL	Inhalation Short term Inhalation	600 mg/m³	Workers	Systemic
(2-methoxymethylethoxy)propanol	DNEL	Long term Dermal	65 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	50.4 ppm	Workers	Systemic
	DNEL	Long term Oral	36 mg/kg	General	Systemic
	DNEL	Long term	bw/day 37.2 mg/m³	population General	Systemic
	DNEL	Inhalation Long term Dermal	121 mg/kg	population General	Systemic
	DNEL	Long term Dermal	bw/day 283 mg/kg	population Workers	Systemic
	DNEL	Long term	bw/day 308 mg/m³	Workers	Systemic
		Inhalation	4 5005 4		
butan-1-ol	DNEL	Long term Oral	1.5625 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Dermal	3.125 mg/	General	Systemic
		5	kg bw/day	population	,
	DNEL	Long term	55.357 mg/	General	Systemic
		Inhalation	m <sup>3</sup>	population	
	DNEL	Long term Inhalation	155 mg/m³	General population	Local
	DNEL	Long term	310 mg/m <sup>3</sup>	Workers	Local
	DINEL	Inhalation	510 mg/m	WORKEIS	Local
Reaction mass of ethylbenzene and xylene	DNEL	Long term Dermal	212 mg/kg bw/day	Workers	Systemic
,	DNEL	Long term Inhalation	221 mg/m <sup>3</sup>	Workers	Systemic
Hydrocarbons, terpene processing by-products	DNEL	Long term Oral	0.3 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0.3 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	0.7 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Dermal	0.8 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	2.9 mg/m <sup>3</sup>	Workers	Systemic
Propanol, 1(or 2)-ethoxy-, acetate	DNEL	Long term Inhalation	49.785 ppm	Workers	Systemic
	DNEL	Long term Dermal	103 mg/kg bw/day	Workers	Systemic
Naphtha (petroleum), hydrotreated heavy	DNEL	Long term Inhalation	272 ppm	Workers	Systemic
neavy	DNEL	Long term Dermal	300 mg/kg bw/day	Workers	Systemic
	DNEL	Long term	0.41 mg/m <sup>3</sup>	General	Systemic
	DNEL	Inhalation Long term	1.9 mg/m³	population Workers	Systemic
	DNEL	Inhalation Long term	178.57 mg/	General	Local
	DNEL	Inhalation Short term	m³ 640 mg/m³	population General	Local
	DNEL	Inhalation Long term	837.5 mg/	population Workers	Local
	DNEL	Inhalation Short term	m <sup>3</sup> 1066.67 mg/m <sup>3</sup>	Workers	Local
	DNEL	Inhalation Short term	mg/m³ 1152 mg/ m³	General population	Systemic
		Inhalation			

Date of issue/Date of revision

Date of previous issue

: 1/14/2024

Version : 1.07 8/20

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

SECTION 6. Exposure com	1015/p	ersonal prote	CHOIT		
		Inhalation	m³		
Fatty acids, C14-18 and	DNEL	Long term Oral	1.5 mg/kg	General	Systemic
C16-18-unsatd., maleated			bw/day	population	
	DNEL	Long term Dermal	1.5 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Long term Dermal	3 mg/kg	Workers	Systemic
			bw/day	NA7 1	o
maleic anhydride	DNEL	Short term Dermal	0.04 mg/kg		Systemic
	DNEL	Long term Inhalation	0.4 mg/cm <sup>2</sup>	Workers	Systemic
	DNEL	Long term	0.05 mg/m <sup>3</sup>	General	Systemic
		Inhalation	_	population	
	DNEL	Long term Oral	0.06 mg/	General	Systemic
			kg bw/day	population	
	DNEL	Long term	0.08 mg/m <sup>3</sup>		Local
		Inhalation		population	
	DNEL	Long term	0.081 mg/	Workers	Local
		Inhalation	m <sup>3</sup>		O un tra maile
	DNEL	Long term Inhalation	0.081 mg/ m³	Workers	Systemic
	DNEL	Short term Oral	0.1 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Short term Dermal	0.1 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Long term Dermal	0.1 mg/kg	General	Systemic
			bw/day	population	O un tra maile
	DNEL	Short term Dermal	0.2 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Dermal	0.2 mg/kg	Workers	Systemic
			bw/day		
	DNEL	Short term	0.2 mg/m <sup>3</sup>	Workers	Local
		Inhalation			
	DNEL	Short term	0.2 mg/m³	Workers	Systemic
		Inhalation			

### **PNECs**

Product/ingredient name	Compartment Detail	Value	Method Detail
n-butyl acetate	Soil	0.09 mg/kg	-
	Fresh water	0.18 mg/l	-
	Sewage Treatment Plant	35.6 mg/l	-
	Marine water	0.018 mg/l	-
	Fresh water sediment	0.981 mg/kg	-
	Marine water sediment	0.098 mg/kg	-
(2-methoxymethylethoxy)propanol	Marine water	1.9 mg/l	-
	Fresh water	19 mg/l	-
	Fresh water sediment	70.2 mg/l	-
	Secondary Poisoning	190 mg/l	-
	Sewage Treatment	4168 mg/l	-
	Plant	Ŭ	
	Marine water sediment	7.02 mg/kg	-
	Soil	2.74 mg/kg	-
butan-1-ol	Fresh water	0.082 mg/l	-
	Marine water	0.0082 mg/l	-
	Fresh water sediment	0.324 mg/kg dwt	-
	Marine water sediment	0.0324 mg/kg dwt	-
	Soil	0.017 mg/kg dwt	-
	Sewage Treatment	2476 mg/l	-
	Plant	Ŭ	
Reaction mass of ethylbenzene and xylene	Fresh water	0.327 mg/l	-
, , , , , , , , , , , , , , , , , , ,	Marine water	0.327 mg/l	-
	Sewage Treatment	6.58 mg/l	-
	Plant		
e of issue/Date of revision : 1/28/2024	Date of previous issue	: 1/14/2024	Version : 1.07

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

	controls/personal protection		
	Fresh water sediment	12.46 mg/kg dwt	-
	Marine water sediment	12.46 mg/kg dwt	-
	Soil	2.31 mg/kg	-
formaldehyde	Fresh water	0.44 mg/l	-
	Marine water	0.44 mg/l	-
	Fresh water sediment	2.3 mg/kg	-
	Soil	0.2 mg/kg	-
	Sewage Treatment	0.19 mg/l	-
	Plant		
	Marine water sediment	2.3 mg/kg	-
maleic anhydride	Marine water	0.004281 mg/l	-
	Fresh water	0.04281 mg/l	-
	Sediment	0.334 mg/l	<u> </u>

#### 8.2 Exposure controls

Appropriate engineering controls	: Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If
	these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.

#### 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

: Use safety eyewear designed to protect against splash of liquids.

### Skin protection

#### Hand protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

The breakthrough time must be greater than the end use time of the product.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Always ensure that gloves are free from defects and that they are stored and used correctly.

The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance.

Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

Gloves	<ul> <li>Duration / breakthrough time: &lt;1 hour, Glove material: NBR, nitrile rubber, material thickness as splash protection: at least 0.2 mm, (EN374) Glove material: NBR, nitrile rubber Material thickness for short-term contact: at least 0.5 mm, (EN374)</li> </ul>
	The recommendation for the type or types of glove to use when handling this product is based on information from the following source:
	Expert judgment
	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	<ul> <li>Personnel should wear antistatic clothing made of natural fibres or of high- temperature-resistant synthetic fibres.</li> </ul>
Other skin protection	<ul> <li>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.</li> </ul>
Respiratory protection	: If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by UK REACH Regulation SI 2019/758 STANDOX BASECOAT METALLIC ADDITIVE

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

**Environmental exposure** : Do not allow to enter drains or watercourses. **controls** 

# **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

<u>Appearance</u>				
Physical state	: L	.iquid.		
Colour	: (	Clear.		
Odour	: N	Not available.		
Odour threshold	: N	Not available.		
Melting point/freezing point	: 1	Fechnically not possible to measure		
Initial boiling point and boiling range	: 1	117 to 190°C (242.6 to 374°F)		
Flammability (solid, gas)	: N	Not available.		
Upper/lower flammability or explosive limits		Lower: 1% Jpper: 14%		
Flash point	: (	Closed cup: 26°C (78.8°F)		
Auto-ignition temperature	: 2	207°C (404.6°F)		
Decomposition temperature	: N	Not applicable.		
рН	: N	Not applicable.		
Viscosity	: Dynamic: 390 mPa·s Kinematic: 405 mm²/s			
hooony		Kinematic: 405 mm <sup>2</sup> /s		
Solubility(ies)		Kinematic: 405 mm²/s		
-		Kinematic: 405 mm²/s Result		
Solubility(ies)		1		
Solubility(ies) Media	۴ :	Result		
Solubility(ies) Media cold water	: : : N	Result Soluble		
Solubility(ies) Media cold water Solubility in water	۲ : : N : ۲	Result       Soluble       Not available.       Yes.		
Solubility(ies) Media cold water Solubility in water Miscible with water	۲ : : N : ۲	Result       Soluble       Not available.       Yes.		
Solubility(ies) Media cold water Solubility in water Miscible with water Partition coefficient: n-octanol/ water Vapour pressure	+ : : N : N : N : C	Result         Soluble         Not available.         Yes.         Not applicable.         0.79 kPa (5.9 mm Hg)		
Solubility(ies) Media cold water Solubility in water Miscible with water Partition coefficient: n-octanol/ water Vapour pressure Relative density	+ : : N : N : N : N : N	Result         Soluble         Not available.         Yes.         Not applicable.         0.79 kPa (5.9 mm Hg)         Not available.		
Solubility(ies) Media cold water Solubility in water Miscible with water Partition coefficient: n-octanol/ water Vapour pressure Relative density Density	+ - - - - - - - - - - - - - - - - - - -	Result         Soluble         Not available.         Yes.         Not applicable.         0.79 kPa (5.9 mm Hg)         Not available.         0.964 g/cm³		
Solubility(ies) Media cold water Solubility in water Miscible with water Partition coefficient: n-octanol/ water Vapour pressure Relative density Density Vapour density	+ : N : N : N : N : C : N : N	Result         Soluble         Not available.         Yes.         Not applicable.         0.79 kPa (5.9 mm Hg)         Not available.         0.964 g/cm³         Not available.		
Solubility(ies) Media cold water Solubility in water Miscible with water Partition coefficient: n-octanol/ water Vapour pressure Relative density Density Vapour density Explosive properties	H : : : : : : : : : : : : : : : : : : :	Result         Soluble         Not available.         Yes.         Not applicable.         0.79 kPa (5.9 mm Hg)         Not available.         0.964 g/cm³         Not available.         Not available.         Not available.		
Solubility(ies) Media cold water Solubility in water Miscible with water Partition coefficient: n-octanol/ water Vapour pressure Relative density Density Vapour density Explosive properties Oxidising properties	: N : N : N : N : N : N : N : N	Result         Soluble         Not available.         Yes.         Not applicable.         0.79 kPa (5.9 mm Hg)         Not available.         0.964 g/cm <sup>3</sup> Not available.         Not available.         Not available.         Not available.         Not available.         Not available.		
Solubility(ies) Media cold water Solubility in water Miscible with water Partition coefficient: n-octanol/ water Vapour pressure Relative density Density Vapour density Explosive properties	: N : N : N : N : N : N : N : N : N : N	Result         Soluble         Not available.         Yes.         Not applicable.         0.79 kPa (5.9 mm Hg)         Not available.         0.964 g/cm³         Not available.         Not available.         Not available.		

#### room temperature (=20°C)

SECTION 10: Stability and reactivity						
10.1 Reactivity	: No specific test data related to react	ivity available for this	s product or its ingredients.			
10.2 Chemical stability	: Stable under recommended storage	and handling condit	ions (see Section 7).			
10.3 Possibility of hazardous reactions	: Under normal conditions of storage a	and use, hazardous	reactions will not occur.			
Date of issue/Date of revision	: 1/28/2024 Date of previous issue	: 1/14/2024	Version : 1.07 11/20			

# **SECTION 10: Stability and reactivity**

10.4 Conditions to avoid	:	When exposed to high temperatures may produce hazardous decomposition products.
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	:	Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen. Not applicable

# **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. See Sections 2 and 3 for details.

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Contains Hydrocarbons, terpene processing by-products, Fatty acids, C14-18 and C16-18-unsatd., maleated, formaldehyde, maleic anhydride. May produce an allergic reaction.

### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
n-butyl acetate	LC50 Inhalation Vapour	Rat	21.1 mg/l	4 hours
-	LD50 Dermal	Rabbit	>17600 mg/kg	-
	LD50 Oral	Rat	10768 mg/kg	-
(2-methoxymethylethoxy) propanol	LD50 Dermal	Rabbit	9510 mg/kg	-
butan-1-ol	LC50 Inhalation Vapour	Rat	24000 mg/m <sup>3</sup>	4 hours
	LD50 Dermal	Rabbit	3400 mg/kg	-
	LD50 Oral	Rat	790 mg/kg	-
Reaction mass of	LC50 Inhalation Vapour	Rat	6350 to 6700	4 hours
ethylbenzene and xylene			ppm	
	LD50 Dermal	Rabbit	121236 mg/kg	-
	LD50 Oral	Rat	3523 to 4000	-
			mg/kg	
Naphtha (petroleum), hydrotreated heavy	LD50 Oral	Rat	>6 g/kg	-
Fatty acids, C14-18 and C16-18-unsatd., maleated	LD50 Oral	Rat - Female	>2000 mg/kg	-
formaldehyde	LC50 Inhalation Gas.	Rat	250 ppm	4 hours
-	LD50 Dermal	Rabbit	270 mg/kg	-
	LD50 Oral	Rat	100 mg/kg	-
maleic anhydride	LD50 Dermal	Rabbit	2620 mg/kg	-
-	LD50 Oral	Rat	400 mg/kg	-

#### Acute toxicity estimates

# **SECTION 11: Toxicological information**

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
mixture	11084.2	16580.0	N/A	165.8	N/A
n-butyl acetate	10768	N/A	N/A	21.1	N/A
(2-methoxymethylethoxy)propanol	N/A	9510	N/A	N/A	N/A
butan-1-ol	790	3400	N/A	24	N/A
Reaction mass of ethylbenzene and xylene	N/A	1100	N/A	11	N/A
formaldehyde	100	270	250	N/A	N/A
maleic anhydride	400	2620	N/A	N/A	N/A

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
butan-1-ol	Eyes - Cornea opacity	Rabbit	2.11	-	7 days
	Eyes - Severe irritant	Rabbit	-	0.005 MI	-
	Eyes - Severe irritant	Rabbit	-	24 hours 2	-
				mg	
	Skin - Moderate irritant	Rabbit	-	24 hours 20	-
				mg	
Hydrocarbons, terpene	Eyes - Moderate irritant	Human	-	-	-
processing by-products					
	Skin - Irritant	Human	-	-	-
Fatty acids, C14-18 and	Skin - Moderate irritant	Human	-	-	-
C16-18-unsatd., maleated					
formaldehyde	Eyes - Mild irritant	Human	-	6 minutes 1	-
				ppm	
	Eyes - Severe irritant	Rabbit	-	24 hours 750	-
				ug	
	Eyes - Severe irritant	Rabbit	-	750 ug	-
	Eyes - Visible necrosis	Rabbit	-	18 hours	18 hours
	Skin - Mild irritant	Human	-	72 hours 150	-
				ug l	
	Skin - Mild irritant	Rabbit	-	540 mg	-
	Skin - Moderate irritant	Rabbit	-	24 hours 50	-
				mg	
	Skin - Severe irritant	Human	-	0.01 %	-
	Skin - Severe irritant	Rabbit	-	0.8 %	-
	Skin - Severe irritant	Rabbit	-	24 hours 2	-
				mg	- · ·
	Skin - Visible necrosis	Rabbit	-	20 hours	24 hours
maleic anhydride	Eyes - Severe irritant	Rabbit	-	1 %	-

#### **Sensitisation**

Product/ingredient name	Route of exposure	Species	Result
Fatty acids, C14-18 and C16-18-unsatd., maleated	skin	Mouse	Sensitising
formaldehyde	skin	Mouse	Sensitising

### **Mutagenicity**

### **Carcinogenicity**

#### **Reproductive toxicity**

Product/ingredient name	Maternal toxicity	Fertility	Developmental toxin	Species	Dose	
Fatty acids, C14-18 and C16-18-unsatd., maleated	-	-	-	Rat - Male, Female	1000 mg/	35 days; 7 days per week

### **Teratogenicity**

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

# **SECTION 11: Toxicological information**

Product/ingredient name	Product/ingredient name Category Rout			
n-butyl acetate	Category 3	-	Narcotic effects	
butan-1-ol	Category 3	-	Respiratory tract irritation	
	Category 3		Narcotic effects	
Reaction mass of ethylbenzene and xylene	Category 3	-	Respiratory tract irritation	
Propanol, 1(or 2)-ethoxy-, acetate	Category 3	-	Narcotic effects	
Naphtha (petroleum), hydrotreated heavy	Category 3	-	Narcotic effects	
formaldehyde	Category 3	-	Respiratory tract irritation	

### Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
Reaction mass of ethylbenzene and xylene maleic anhydride	Category 2	-	-
	Category 1	inhalation	respiratory system

### Aspiration hazard

Product/ingredient name	Result
Reaction mass of ethylbenzene and xylene	ASPIRATION HAZARD - Category 1
Hydrocarbons, terpene processing by-products	ASPIRATION HAZARD - Category 1
Naphtha (petroleum), hydrotreated heavy	ASPIRATION HAZARD - Category 1

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

### Potential acute health effects

Folential acule nearlin enects		
Eye contact	:	Causes serious eye damage.
Inhalation	:	Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
Skin contact	:	Causes skin irritation. May cause an allergic skin reaction.
Ingestion	:	Can cause central nervous system (CNS) depression.

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

Eye contact	: Adverse symptoms may include the following: pain 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: pain or irritation redness blistering may occur
Ingestion	: Adverse symptoms may include the following: stomach pains
Delayed and immediate	e effects as well as chronic effects from short and long-term exposure

Short term exposure		
Potential immediate effects	: Not available.	

# **SECTION 11: Toxicological information**

Potential delayed effects	: Not available.
<u>Long term exposure</u>	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health effe	<u>cts</u>
Not available.	
Conclusion/Summary	: Not available.
General	: Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	: No known significant effects or critical hazards.
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	Exposure
p-butyl acetate	Acute LC50 185 ppm Marine water	Fish - Inland silverside - Menidia beryllina	96 hours
butan-1-ol	Acute EC50 1983 mg/l Fresh water	Daphnia - Water flea - Daphnia magna	48 hours
	Acute LC50 1730000 µg/l Fresh water	Fish - Fathead minnow - Pimephales promelas	96 hours
Reaction mass of ethylbenzene and xylene	Acute EC50 2.2 mg/l	Algae - Algae - Selenastrum capricornutum	73 hours
	Acute LC50 1 mg/l	Daphnia - Daphnia - <i>Daphnia</i> magna	24 hours
	Acute LC50 2.6 mg/l	Fish - Trout - Oncorhynchus mykiss	96 hours
	Chronic NOEC 16 mg/l	Micro-organism - Activated sludge - Activated sludge	28 days
Hydrocarbons, terpene processing by-products	Acute EC50 4.779 mg/l	Algae	72 hours
	Acute EC50 2.1 mg/l	Daphnia	48 hours
	Acute LC50 5.07 mg/l	Fish	96 hours
formaldehyde	Acute EC50 3.26 mg/l Fresh water	Daphnia - Water flea - <i>Daphnia magna</i> - Embryo	48 hours
	Acute LC50 11.41 mg/l Fresh water	Crustaceans - Water flea - Ceriodaphnia dubia	48 hours
	Acute LC50 1.41 ppm Fresh water	Fish - Rainbow trout,donaldson trout - <i>Oncorhynchus mykiss</i>	96 hours
	Chronic NOEC 3000 ppm Fresh water	Crustaceans - European crayfish - Astacus astacus - Egg	21 days
	Chronic NOEC 0.81 to 1.07 mg/l	Daphnia - Water flea - Daphnia magna	21 days
	Chronic NOEC 1.56 mg/l Fresh water	Fish - Nile tilapia - Oreochromis niloticus - Fingerling	12 weeks
maleic anhydride	Acute LC50 230 ppm Fresh water	Fish - Western mosquitofish - Gambusia affinis - Adult	96 hours

**Conclusion/Summary** 

: Not available.

### 12.2 Persistence and degradability

# **SECTION 12: Ecological information**

Product/ingredient name	Test	Result		Dose	Inoculum
Hydrocarbons, terpene processing by-products	OECD 301D	82 % - Readily - 28	days	-	-
Conclusion/Summary	: Not available.				
Product/ingredient name	Aquatic half-life		Photolys	sis	Biodegradability
Hydrocarbons, terpene processing by-products Naphtha (petroleum), hydrotreated heavy	-		-		Readily Readily

#### 12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential	
n-butyl acetate	2.3	-	Low	
(2-methoxymethylethoxy) propanol	0.004	-	Low	
butan-1-ol	1	-	Low	
Reaction mass of	3.16	-	Low	
ethylbenzene and xylene				
Hydrocarbons, terpene processing by-products	-	855.7	High	
Propanol, 1(or 2)-ethoxy-,	0.76	-	Low	
acetate				
Naphtha (petroleum),	-	10 to 2500	High	
hydrotreated heavy			-	
maleic anhydride	-2.78	-	Low	

#### 12.4 Mobility in soil

Soil/water partition coefficient (Koc)	: Not available.
Mobility	: Not available.

#### 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 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

Waste codeWaste designation08 01 11\*waste paint and varnish containing organic solvents or other hazardous substances

# **SECTION 13: Disposal considerations**

### 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
	15 01 10*	packaging containing residues of or contaminated by hazardous substances
Special precautions	taken when Empty conta residues ma container. I thoroughly ii	al and its container must be disposed of in a safe way. Care should be handling emptied containers that have not been cleaned or rinsed out. ainers or liners may retain some product residues. Vapour from product ay create a highly flammable or explosive atmosphere inside the Do not cut, weld or grind used containers unless they have been cleaned internally. Avoid dispersal of spilt material and runoff and contact with ays, drains and sewers.

# **SECTION 14: Transport information**

ADR/RID	ADN	IMDG	IATA
UN1263	UN1263	UN1263	UN1263
PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL
3	3	3	3
111		Ш	111
No.	Yes.	No.	No.
	UN1263 PAINT RELATED MATERIAL 3	UN1263UN1263PAINT RELATED MATERIALPAINT RELATED MATERIAL33IIIIII	UN1263UN1263UN1263PAINT RELATED MATERIALPAINT RELATED MATERIALPAINT RELATED MATERIAL333IIIIIIIII

Additional information		
ADR/RID	:	Tunnel code (D/E)
ADN	:	The product is only regulated as an environmentally hazardous substance when transported in tank vessels.
14.6 Special precautions for user	:	<b>Transport within user's premises:</b> 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** : Not available. according to IMO

### instruments

# **SECTION 15: Regulatory information**

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

## <u>UK (GB)/REACH</u>

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

<u>Annex XIV</u>

None of the components are listed.

### Substances of very high concern

None of the components are listed.

# **SECTION 15: Regulatory information**

Annex XVII - Restrictions Not applicable. on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

#### Seveso Directive

This product is controlled under the Seveso Directive.

### Danger criteria

Category	
P5c	

#### National regulations

Product/ingredient name	List name	Name on list	Classification	Notes
formaldehyde	UK Occupational Exposure Limits EH40 - WEL	formaldehyde; methanal	Carc.	-

#### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

### **Montreal Protocol**

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

15.2 Chemical safety	:	This product contains substances for which Chemical Safety Assessments are still
assessment		required.

## **SECTION 16: Other information**

Indicates information that has changed from previously issued version.

Abbreviations and acronyms	<ul> <li>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</li> </ul>
	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
Flam. Liq. 3, H226	On basis of test data
Skin Irrit. 2, H315	Calculation method
Eye Dam. 1, H318	Calculation method
Skin Sens. 1, H317	Calculation method
STOT SE 3, H336	Calculation method
Aquatic Chronic 3, H412	Calculation method

#### Full text of abbreviated H statements

STANDOX BASECOAT METALLIC ADDITIVE

## **SECTION 16: Other information**

H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H341	Suspected of causing genetic defects.
H350	May cause cancer.
H372	Causes damage to organs through prolonged or repeated exposure.
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.
H413	May cause long lasting harmful effects to aquatic life.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH071	Corrosive to the respiratory tract.

#### Full text of classifications

Acute Tox. 2	ACUTE TOXICITY - Category 2
Acute Tox. 3	ACUTE TOXICITY - Category 3
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
Aquatic Chronic 4	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 4
Asp. Tox. 1	ASPIRATION HAZARD - Category 1
Carc. 1B	CARCINOGENICITY - Category 1B
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
Muta. 2	GERM CELL MUTAGENICITY - 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 RE 2	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3
Date of printing	: 1/28/2024
Date of issue/ Date of	: 1/28/2024
revision	

revision	
Date of previous issue	: 1/14/2024
Version	: 1.07

#### Notice to reader

This product is intended for industrial use only.

Safety Data Sheet (SDS) content is believed to be accurate as of its issue date, but is subject to change as new information is received by Axalta Coatings Systems, LLC or any of its subsidiaries or affiliates (Axalta). This SDS may incorporate information that has been provided to Axalta by its suppliers. Users should ensure that they are referring to the most current version of the SDS. Users are responsible for following the precautions identified in this SDS. It is the users' responsibility to comply with all laws and regulations

# **SECTION 16: Other information**

applicable to the safe handling, use, and disposal of the product.

Users of Axalta products should read all relevant product information prior to use, and make their own determination as to the suitability of the products for their intended use. Except as otherwise required by applicable law, AXALTA MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. The information on this SDS relates only to the specific product identified in Section 1, Identification, and does not relate to its possible use in combination with any other material or in any specific process. If this product is to be used in combination with other products, Axalta encourages you to read and understand the SDS for all products prior to use.

© 2022 Axalta Coating Systems, LLC and all affiliates. All rights reserved. Copies may be made only for those using Axalta Coating Systems products.