SAFETY DATA SHEET

United Arab Emirates

: 1.02

Date of issue/Date of revision

: 16 December 2024 Version

SECTION 1: Identif undertaking	ication of the substance/mixture and of the company/
1.1 Product identifier	
Product name	: SIGMASHIELD 1090 BASE RAL 7038
Product code	: 000001189071
Other means of identifica 00446312	ition
1.2 Relevant identified use	s of the substance or mixture and uses advised against
Product use	: Professional applications, Used by spraying.
Use of the substance/ mixture	: Coating.
Uses advised against	: Product is not intended, labelled or packaged for consumer use.
1.3 Details of the supplier	of the safety data sheet
Sigma Paint Saudi Arabia L PO Box 7509 Dammam 31472 Saudi Arabia Tel: 00966 138 47 31 00 Fax: 00966 138 47 17 34	.td.
e-mail address of person responsible for this SDS	: ndpic@sfda.gov.sa
1.4 Emergency telephone number	: 00966 138473100 extn 1001

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] Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Muta. 2, H341 Aquatic Chronic 3, H412 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.

2.2 Label elements Hazard pictograms :

Signal word

: Warning

Conforms to 2020/878	Regulation (EC) No. 1907/20	06 (REACH), Annex II, as amended by Commissior	Regulation (EU)

Code	: 000001189071	

Date of issue/Date of revision

: 16 December 2024

SIGMASHIELD 1090 BASE RAL 7038

SECTION 2. Hazarda	identification
SECTION 2: Hazards	
Hazard statements	 Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Suspected of causing genetic defects. Harmful to aquatic life with long lasting effects.
Precautionary statements	
Prevention	: Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Avoid release to the environment. Avoid breathing vapour.
Response	: IF exposed or concerned: Get medical advice or attention.
Storage	: Not applicable.
Disposal	 Dispose of contents and container in accordance with all local, regional, national and international regulations. P202, P280, P273, P261, P308 + P313, P501
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 requirem	<u>ients</u>
Containers to be fitted with child-resistant fastenings	: Not applicable.
Tactile warning of danger	: Not applicable.
.3 Other hazards	
Product meets the criteria for PBT or vPvB	: This mixture does not contain any substances that are assessed to be a PBT or a vPvE
Other hazards which do not result in classification	: None known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures	: Mixture				
Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
Feaction product: bisphenol- A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700)	REACH #: 01-2119456619-26 EC: 500-033-5 CAS: 25068-38-6 Index: 603-074-00-8	≥10 - ≤21	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411	Skin Irrit. 2, H315: C ≥ 5% Eye Irrit. 2, H319: C ≥ 5%	[1]
2,3-epoxypropyl neodecanoate	REACH #: 01-2119431597-33 EC: 247-979-2 CAS: 26761-45-5	≥1.0 - ≤3.8	Skin Sens. 1, H317 Muta. 2, H341 Aquatic Chronic 2, H411	-	[1]
		English	(GB) United Arab Er	nirates	2/14

2020/010						
Code : 00000118	9071	Da	ate of issue/Date of re	vision	: 16 Decemb	oer 2024
SIGMASHIELD 1090 BAS	E RAL 7038					
SECTION 3: Com	position/informat	ion on i	ngredients			
benzyl alcohol	REACH #: 01-2119492630-38 EC: 202-859-9 CAS: 100-51-6 Index: 603-057-00-5	≥1.0 - ≤5.0	Acute Tox. 4, H302 Eye Irrit. 2, H319 Skin Sens. 1B, H317	ATE [kg	Oral] = 1200 mg/	[1] [2]
N,N'-ethane-1,2-diylbis (12-hydroxyoctadecan-	REACH #: 01-2119978265-26	≤0.30	Skin Sens. 1B, H317 Aquatic Chronic 3, H4	12		[1] [2]

1-amide)	EC: 204-613-6 CAS: 123-26-2	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.

Туре

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

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

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

SUB codes represent substances without registered CAS Numbers.

SECTION 4: First aid measures

4.1 Description of first aid measures

4.1 Description of first alu fi	leasures
Eye contact	 Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
Inhalation	: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
Skin contact	: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
Ingestion	 If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. 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 hea	Ith effects
Eye contact	: Causes serious eye irritation.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Causes skin irritation. May cause an allergic skin reaction.
Ingestion	: No known significant effects or critical hazards.
Over-exposure sign	ns/symptoms
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: No specific data.

Code	: 000001189071	Date of issue/Date of revision	: 16 December 2024
SIGMASHIEL	D 1090 BASE RAL 7038		

SECTION 4: First aid measures

Skin contact	: Adverse symptoms may include the following: irritation redness
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 an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture	: In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous combustion products	: Decomposition products may include the following materials: carbon oxides halogenated compounds 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.
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 Europear 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. 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.

Code : 000001189071

Date of issue/Date of revision

: 16 December 2024

SIGMASHIELD 1090 BASE RAL 7038

SECTION 6: Accidental release measures

6.3 Methods and material	for containment and cleaning up
Small spill	: Stop leak if without risk. Move containers from spill area. 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. 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 spill 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.

SECTION 7: Handling and storage

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

7.1 Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
7.2 Conditions for safe storage, including any incompatibilities	: Store between the following temperatures: 0 to 35°C (32 to 95°F). Store in accordance with local regulations. Store in 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. 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.

Code: 000001189071Date of issue/Date of revision: 16 December 2024SIGMASHIELD 1090 BASE RAL 7038

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
Fystalline silica, respirable powder (>10 microns)	Abu Dhabi - OSHAD - Occupational air quality threshold limit values (United Arab Emirates, 7/2016) [quartz silica crystalline–α- quartz and cristobalite] A2. TWA 8 hours: 0.025 mg/m ³ . Form: measured as respirable fraction of the aerosol.
	Abu Dhabi - OSHAD - Occupational air quality threshold limit values (United Arab Emirates, 7/2016) [silica]
	TWA 8 hours: 3 mg/m ³ . Form: respirable particulate. TWA 8 hours: 10 mg/m ³ . Form: inhalable particle. Cabinet Decree (12) of 2006 Regarding Regulation Concerning Protection of Air from Pollution (United Arab Emirates, 5/2006) TWA 8 hours: 0.1 mg/m ³ .
	ACGIH TLV (United States, 7/2023) [Silica, crystalline] A2. TWA 8 hours: 0.025 mg/m ³ . Form: Respirable fraction.
titanium dioxide	Abu Dhabi - OSHAD - Occupational air quality threshold limit values (United Arab Emirates, 7/2016) A4. TWA 8 hours: 10 mg/m ³ . Cabinet Decree (12) of 2006 Regarding Regulation Concerning Protection of Air from Pollution (United Arab Emirates, 5/2006)
	TWA 8 hours: 10 mg/m ³ . ACGIH TLV (United States, 7/2023) A3. TWA 8 hours: 2.5 mg/m ³ . Form: respirable fraction, finescale particles.
N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan- 1-amide)	ACGIH TLV (United States) TWA: 10 mg/m ³ . Form: Total dust. TWA: 3 mg/m ³ . Form: Respirable.

No exposure indices known.

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EL	J)
2020/878	

2020/878		
Code : 00000118907	1 Date of issue/Date of	revision : 16 December 2024
SIGMASHIELD 1090 BASE RA	AL 7038	
Eye/face protection Skin protection	: Chemical splash goggles.	
Hand protection	: Chemical-resistant, impervious gloves complying worn at all times when handling chemical product necessary. Considering the parameters specified during use that the gloves are still retaining their p noted that the time to breakthrough for any glove glove manufacturers. In the case of mixtures, co protection time of the gloves cannot be accurately frequently repeated contact may occur, a glove w (breakthrough time greater than 480 minutes acco When only brief contact is expected, a glove with (breakthrough time greater than 30 minutes acco The user must check that the final choice of type product is the most appropriate and takes into acc as included in the user's risk assessment.	ts if a risk assessment indicates this is d by the glove manufacturer, check protective properties. It should be material may be different for different nsisting of several substances, the y estimated. When prolonged or vith a protection class of 6 fording to EN 374) is recommended. a protection class of 2 or higher riding to EN 374) is recommended. of glove selected for handling this
Gloves	: butyl rubber	
Body protection	: Personal protective equipment for the body shoul performed and the risks involved and should be a handling this product.	
Other skin protection	Appropriate footwear and any additional skin prot based on the task being performed and the risks specialist before handling this product.	
Respiratory protection	:	
Environmental exposure controls	: Emissions from ventilation or work process equip they comply with the requirements of environmen cases, fume scrubbers, filters or engineering mod will be necessary to reduce emissions to accepta	ital protection legislation. In some difications to the process equipment

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	:	Liquid.			
Colour	:	Yellow.			
Odour	:	Characteristic.			
Odour threshold	1	Not available.			
Melting point/freezing point	1	Not determined.			
Initial boiling point and boiling range	:	>37.78°C			
Flammability	:	Not determined. There are no	data availa	ble on the mixt	ure itself.
Upper/lower flammability or explosive limits	:	Not available.			
Flash point	:	Closed cup: Not applicable.			
Auto-ignition temperature	:	Ingredient name	°C	°F	Method
		2,3-epoxypropyl neodecanoate	276	528.8	
Decomposition temperature	:	Stable under recommended st	orage and	handling condit	tions (see Section 7).
рН	:	Not applicable. insoluble in water.			
Viscosity	:	Dynamic (room temperature): Not available. Kinematic (room temperature): >400 mm²/s Kinematic (40°C): >21 mm²/s			
Viscosity	:	> 100 s (ISO 6mm)			
		English (GB)	Unite	ed Arab Emira	tes 7/14

Code: 000001189071Date of issue/Date of revision: 16 December 2024SIGMASHIELD 1090 BASE RAL 7038

SECTION 9: Physical and chemical properties

Solubility(ies) Media		Result						
cold water		Not soluble						
Partition coefficient: n-octa	nol/ :	Not applicable.						
Vapour pressure	:	Ingredient name	Vapour Pressure at 20°C		Vapour pressure at 50°C			
			mm Hg	kPa	Method	mm Hg	kPa	Method
		2,3-epoxypropyl neodecanoate	0.11251	0.015				
Relative density	:	1.72						
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.						
article characteristics								
Median particle size	:	Not applicable.						
.2 Other information								

No additional information.

SECTION 10: Stability and reactivity			
10.1 Reactivity	specific test data related to reactivity availabl	le for this product or its ingredients.	
10.2 Chemical stability	product is stable.		
10.3 Possibility of hazardous reactions	er normal conditions of storage and use, ha	zardous reactions will not occur.	
10.4 Conditions to avoid	en exposed to high temperatures may produ er to protective measures listed in sections 7		
10.5 Incompatible materials	p away from the following materials to preve ising agents, strong alkalis, strong acids.	nt strong exothermic reactions:	
10.6 Hazardous decomposition products	ending on conditions, decomposition produc oon oxides halogenated compounds metal o		

SECTION 11: Toxicological information

11.1 Information on toxicological effects Acute toxicity Code : 000001189071

SIGMASHIELD 1090 BASE RAL 7038

Date of issue/Date of revision

: 16 December 2024

SECTION 11: Toxicological information

Product/ingredient name	Result	Species	Dose	Exposure
Faction product: bisphenol-A-	LD50 Dermal	Rabbit	>2 g/kg	-
(epichlorhydrin); epoxy resin (number				
average molecular weight ≤ 700)				
	LD50 Oral	Rat	>2 g/kg	-
2,3-epoxypropyl neodecanoate	LD50 Dermal	Rat	3800 mg/kg	-
	LD50 Oral	Rat	9.6 g/kg	-
benzyl alcohol	LC50 Inhalation Dusts and	Rat	>5 mg/l	4 hours
	mists			
	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	1200 mg/kg	-
N,N'-ethane-1,2-diylbis	LC50 Inhalation Dusts and	Rat	>5.11 mg/l	4 hours
(12-hydroxyoctadecan-1-amide)	mists		_	
	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	>2000 mg/kg	-

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

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
reaction product: bisphenol-A- (epichlorhydrin); epoxy resin (number average molecular weight ≤ 700)	Eyes - Mild irritant	Rabbit	-	100 mg	-
	Eyes - Moderate irritant	Rabbit	-	-	-
	Skin - Moderate irritant	Rabbit	-	-	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 UI	-
	Skin - Severe irritant	Rabbit	-	24 hours 2 mg	-

Conclusion/Summary

Skin

: There are no data available on the mixture itself.

Eyes

: There are no data available on the mixture itself.

: There are no data available on the mixture itself.

Respiratory Sensitisation

Product/ingredient name	Route of exposure	Species	Result
reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700)	skin	Mouse	Sensitising
Conclusion/Summary			

Conclusion/Summary	
Skin	: There are no data available on the mixture itself.
Respiratory	: There are no data available on the mixture itself.
Mutagenicity	
Conclusion/Summary	: There are no data available on the mixture itself.
Carcinogenicity	
Conclusion/Summary	: There are no data available on the mixture itself.
Reproductive toxicity	
Conclusion/Summary	: There are no data available on the mixture itself.
Teratogenicity	
Conclusion/Summary	: There are no data available on the mixture itself.
Specific target organ toxic	ity (single exposure)
Not available.	
Specific target organ toxic	ity (repeated exposure)
	ty tropodica expositor
Not available.	

2020/878 Code : 000001189071		Date of issue/Date of revision	: 16 December 2024
SIGMASHIELD 1090 BASE RA		Date of Issue/Date of revision	To December 2022
SECTION 11: Toxico	logical inform	nation	
Aspiration hazard			
Not available.			
Information on likely routes of exposure	: Not available.		
Potential acute health effec	<u>ts</u>		
Inhalation	: No known signi	ficant effects or critical hazards.	
Ingestion	: No known signi	ficant effects or critical hazards.	
Skin contact	: Causes skin irri	itation. May cause an allergic skin reaction.	
Eye contact	: Causes serious	eye irritation.	
Symptoms related to the ph	ysical, chemical a	nd toxicological characteristics	
Inhalation	: No specific data	a.	
Ingestion	: No specific data	а.	
Skin contact	: Adverse sympto irritation redness	oms may include the following:	
Eye contact	: Adverse sympto pain or irritation watering redness	oms may include the following:	
Delayed and immediate effe		onic effects from short and long-term expos	sure
Short term exposure			
Potential immediate effects	: Not available.		
Potential delayed effects	: Not available.		
Long term exposure			
Potential immediate effects	: Not available.		
Potential delayed effects	: Not available.		
Potential chronic health effe	<u>ects</u>		
Not available.			
Conclusion/Summary	: Not available.		
General		d, a severe allergic reaction may occur when s	ubsequently exposed to
Carcinogenicity		ficant effects or critical hazards.	
Mutagenicity	-	ausing genetic defects.	
Reproductive toxicity	•	ficant effects or critical hazards.	
Other information	: Not available.		
irritation of the respiratory sys	tem and permanent	aled. Repeated exposure to high vapor concer t brain and nervous system damage. Inhalatior re limits causes headaches, drowsiness and na	n of vapour/aerosol

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Not available.

11.2.2 Other information

Not available.

Code : 000001189071 SIGMASHIELD 1090 BASE RAL 7038 Date of issue/Date of revision

: 16 December 2024

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
eaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700)	Chronic NOEC 0.3 mg/l	Daphnia	21 days
2,3-epoxypropyl neodecanoate	Acute EC50 3.5 mg/l	Algae	96 hours
	Acute EC50 4.8 mg/l	Daphnia - Daphnia magna	48 hours
	Acute LC50 9.6 mg/l	Fish - Oncorhynchus mykiss	96 hours
N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan- 1-amide)	Acute EC50 29 to 43 mg/l	Algae - Pseudokirchneriella subcapitata	72 hours
	Acute EC50 94 mg/l	Daphnia - <i>Daphnia</i> magna	48 hours

12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
Peaction product: bisphenol-A- (epichlorhydrin); epoxy resin (number average molecular weight ≤ 700) N,N'-ethane-1,2-diylbis (12-hydroxyoctadecan- 1-amide)	OECD 301F -	5 % - 28 days 63 % - 28 days	-	-

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

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
<pre> Feaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700)</pre>	-	-	Not readily
2,3-epoxypropyl neodecanoate	-	-	Not readily
benzyl alcohol	-	-	Readily
N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan- 1-amide)	-	-	Readily

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
Feaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700)	2.64 to 3.78	31	Low
2,3-epoxypropyl neodecanoate benzyl alcohol N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan- 1-amide)	4.4 0.87 >6	-	High Low High

12.4 Mobility in soil

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

 Code
 <th::000001189071</th>
 Date of issue/Date of revision
 : 16 December 2024

 SIGMASHIELD 1090 BASE RAL 7038
 SECTION 12: Ecological information

SECTION 12: Ecological information

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

Not available.

12.7 Other adverse effects

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

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

13.1 Waste treatment methods

Product

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

European waste catalogue (EWC)

Waste code	Waste designation
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
Packaging	
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Type of packaging	European waste catalogue (EWC)		
Container	15 01 06	mixed packaging	
Special precautions	taken when l Empty conta	I and its container must be disposed of in a safe way. Care should be nandling emptied containers that have not been cleaned or rinsed out. iners or liners may retain some product residues. Avoid dispersal of spilt runoff and contact with soil, waterways, drains and sewers.	

SECTION 14: Transport information

	ADR/RID	IMDG	ΙΑΤΑ		
14.1 UN number or ID number	Not regulated.	Not regulated.	Not regulated.		
14.2 UN proper shipping name	-	-	-		
14.3 Transport hazard class(es)	-	-	-		
14.4 Packing group	-	-	-		
14.5 Environmental hazards	No.	No.	No.		
English (GB) United Arab Emirates 12/14					

	01190071	Data of issue/Data	of revision : 16 December 2024		
Code : 000001189071 SIGMASHIELD 1090 BASE RAL 7038			Date of issue/Date of revision: 16 December 2024		
	ransport informati	on			
Marine pollutant	Not applicable.	Not applicable.	Not applicable.		
substances					
Additional informatio	on				
ADR/RID : N	None identified.				
IMDG : N	None identified.				
IATA : N	None identified.				
14.6 Special precaut user	upright and sec		ansport in closed containers that are porting the product know what to do in the		
14.7 Transport in bu according to IMO instruments	Ik : Not applicable.				
SECTION 15: F	Regulatory information	tion			
		tion ons/legislation specific for the	e substance or mixture		
15.1 Safety, health a			e substance or mixture		
15.1 Safety, health a EU Regulation (EC)	nd environmental regulation	ons/legislation specific for the	e substance or mixture		
15.1 Safety, health a EU Regulation (EC)	nd environmental regulation No. 1907/2006 (REACH)	ons/legislation specific for the	e substance or mixture		
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Indicates information that i	has changed from previously issued version.
Abbreviations and	: ATE = Acute Toxicity Estimate
acronyms	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
Full text of abbreviated H statements	

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878					
Code : 00000118907 SIGMASHIELD 1090 BASE R		Date of issue/Date of revision	: 16 December 2024		
SECTION 16: Other	information				
Full text of classifications [CLP/GHS]	H319 Causes serio H341 Suspected of H411 Toxic to aqua		TIC HAZARD - Category 3 RITATION - Category 2 Category 2 - Category 2 y 1		
<u>History</u> Date of issue/ Date of revision	: 16 December 2024				
Date of previous issue	: 3 September 2024				
Prepared by Version <u>Disclaimer</u>	: EHS : 1.02				

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