

Material: 60043553 ELASTOSIL® RT 707 W

Version 3.1 (MT) Print Date 11.06.2024 Date of last alteration: 19.10.2023

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

1.1 Product identifier

Commercial product name: ELASTOSIL® RT 707 W

This substance/ mixture contains nanoforms

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

Use of substance / preparation:

Industrial.

Adhesive / sealant

1.3 Details of the supplier of the safety data sheet

Manufacturer/distributor: Wacker Chemie AG
Street/POB-No.: Hanns-Seidel-Platz 4
State/postal code/city: D 81737 München
Telephone: +49 89 6279-0

Information about the Safety Data Sheet: Telephone +49 8677 83-4888

eMail WLCP-MSDS@wacker.com

Supplied By

Thewdan Industrial Supplies

Po Box 32 Gzira Gzr 01 Malta Mobile: +356 99447747

E-mail: mm@thewdan.com

Tel: +356 21435807 Fax: +356 2142175

1.4 Emergency telephone number

Emergency Information: +44 1273 289451

Poison center 2545 6508

# **SECTION 2: Hazards identification**

# 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008:

Not a hazardous substance or mixture.

# 2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008:

No labeling according to GHS required.

Code	Additional Labelling
EUH210	Safety data sheet available on request.

# 2.3 Other hazards

No data available.

Product can release hydrogen. Risk of hydrogen gas formation with water, alcohols, acids, metallic salts, amines and alkalis. In combination with oxygen, the released hydrogen can form oxyhydrogen. The product hydrolyses under formation of methanol (CAS-Nr. 67-56-1). Methanol is classified concerning both physical and health hazards. The hydrolysis rate and consequently the relevance for the hazard profile of the product is strongly dependent on the specific conditions.

Endocrine disrupting properties - human health: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Endocrine disrupting properties - environment: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

# SECTION 3: Composition/information on ingredients

# 3.1 Substances

not applicable

#### 3.2 Mixtures

### 3.2.1 Chemical characteristics

Polydimethylsiloxane with functional groups and auxiliaries for addition cross-linking



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### 3.2.2 Hazardous ingredients

silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica			>=1 - <10 %
CAS-No.: 68909-20-6	EC-No.: 272-697-1	Index-No.: 014-052-00-7	
INHA [1]			
Classification according to Regulation STOT RE 2, by inhalation / H373 (Lungs)			
(EC) No. 1272/2008*	EUH066		
Synthetic amorphous silicon dioxide, nanostructured material, silanized			

Particle Size Distribution:

Type of distribution: number distribution, State during measurement: agglomerates, d50 = 300  $\mu$ m  $\pm$  250  $\mu$ m, Measurement technique: laser diffraction Particle Size Distribution:

Type of distribution: number distribution, State during measurement: aggregates,  $d50 = 300 \text{ nm} \pm 220 \text{ nm}$ , Measurement technique: Transmission Electron Microscopy / Electron Microscopy (TEM/EM) calculationType of distribution: number distribution, State during measurement: Primary structure,  $d50 = 30 \text{ nm} \pm 25 \text{ nm}$ , Measurement technique: Transmission Electron Microscopy / Electron Microscopy (TEM/EM) calculation

Form / Aspect Ratio (:1):

Form: fractal aggregates, Aspect Ratio (:1): 1 - 3, Measurement technique: TEM

Crystallinity:

Crystallinity: amorphous, Measurement technique: X-ray Diffraction (XRD)

Chemical Surface Functionalisation:

Chemical Surface Functionalisation: none, Properties of Coated Particle: hydrophobic

Specific surface: 200 m²/g ± 150 m²/g

(3-(2,3-Epoxypropoxy)propyl)trimethoxysilane			<2 %	
CAS-No.:	: 2530-83-8	EC-N	o.: 219-784-2	
INHA	[1]	REAC	H No.: 01-2119513212-58	
Classification according to Regulation (EC) No. 1272/2008* Eye Dam. 1 / H318; Aquatic Chronic 3 / H412				
titanium o	dioxide			>=0,1 - <1 %

titanium dioxide		>=0,1 - <1 %
CAS-No.: 13463-67-7	EC-No.: 236-675-5 Index-No.: 022-006-00-2	
INHA [1]	REACH No.: 01-2119489379-17	
Classification according to Regulat (EC) No. 1272/2008*	ion Carc. 2, by inhalation / H351	

Type: INHA: ingredient, VERU: impurity

REACH registered substances may be included as impurities. These do not necessarily require identified uses and exposure scenarios in the safety data sheet.

[1] = Hazardous or environmentally harmful substance; [2] = substance with a Community workplace exposure limit; [3] = PBT substance; [4] = vPvB substance; [5] = Endocrine disrupting properties

This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57) in amounts above ≥ 0.1%.

# SECTION 4: First aid measures

# 4.1 Description of first aid measures

# General information:

In case of accident or if you feel unwell seek medical advice (show label or SDS where possible).

## After contact with the eyes:

Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.

### After contact with the skin:

Wash with plenty of water or water and soap. In the event of a visible skin change or other complaints, seek medical advice (show label or SDS where possible).

#### After inhalation:

Provide fresh air.

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<sup>\*</sup>Classification codes are explained in section 16.



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### After swallowing:

Give several small portions of water to drink. Do not induce vomiting.

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

Any relevant information can be found in other parts of this section.

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

Further toxicology information in section 11 must be observed.

# SECTION 5: Firefighting measures

# 5.1 Extinguishing media

# Suitable extinguishing media:

Fires can be controlled with water spray, foam or carbon dioxide. Larger fires are best fought with alcohol-resistant aqueous film forming foam (AFFF-AR).

# Extinguishing media which must not be used for safety reasons:

water jet, extinguishing powder, halones.

# 5.2 Special hazards arising from the substance or mixture

Risk of hazardous gasses or fumes in the event of fire. Exposure to combustion products may be a health hazard! Hazardous combustion products: toxic and very toxic fumes. With the use of water-based extinguishing agents care is required because hydrogen can be released, which accumulates after extinguishing the fire in poorly ventilated or confined areas and may refire or cause an explosion. Foam carpets may also include hydrogen or flammable vapors, which can lead to surface bursts. Remove sources of ignition during cleaning and absorbing.

## 5.3 Advice for firefighters

### Special protective equipment for fire fighting:

Use respiratory protection independent of recirculated air. Keep unprotected persons away.

#### General information:

Fires involving SiH polysiloxane materials can be difficult to extinguish under certain circumstances.

# SECTION 6: Accidental release measures

# 6.1 Personal precautions, protective equipment and emergency procedures

Secure the area. Wear personal protection equipment (see section 8). Keep unprotected persons away. Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. If material is released indicate risk of slipping. Do not walk through spilled material.

# 6.2 Environmental precautions

Prevent material from entering surface waters, drains or sewers and soil. Close leak if possible without risk. Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers. Inform authorities if substance leaks into surface waters, sewerage or ground.

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

Scoop up large quantities after dusting surfaces with sand or Fuller's earth to prevent sticking. Sweep or scrape up the spilled material and place in an appropriate chemical waste container. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. Apply sand or other inert granular material to improve traction.

# Further information:

Exhaust vapours. Eliminate all sources of ignition. Consider explosion protection. Material designated for disposal must be segregated from incompatible substances or materials specified in Sect. 10. Do not blend contaminated material with uncontaminated material. Do not seal collecting vessel gas-tight. Observe notes under section 7.

### 6.4 Reference to other sections

Relevant information in other sections has to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13).

# SECTION 7: Handling and storage

# 7.1 Precautions for safe handling



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### Precautions for safe handling:

Ensure adequate ventilation. Must be syphoned off in situ. Open and handle container with care. Keep container closed when not in use. Keep away from incompatible substances in accordance with section 10. Where possible, inert process equipment and blanket vessels, tanks and containers with nitrogen to reduce the available oxygen level. Contact WACKER for additional publications on the safe Handling of SiH Products. Observe information in section 8.

### Precautions against fire and explosion:

Product can release hydrogen. Product can separate methanol. Flammable vapors may accumulate and form explosive mixtures with air in containers, process vessels, including partial, empty and uncleaned containers and vessels, or other enclosed spaces. Keep away from sources of ignition and do not smoke. Take precautionary measures against electrostatic charging. Cool endangered containers with water.

# 7.2 Conditions for safe storage, including any incompatibilities

# Conditions for storage rooms and vessels:

Do not store in virgin glass containers with basic surface. Observe local/state/federal regulations.

# Advice for storage of incompatible materials:

Do not store with: basic substances (e.g. alkalis, ammonia, amines), oxidizing agents, strong acids. Observe local/state/federal regulations.

## Further information for storage:

Store in a dry and cool place. Protect against moisture. Store container in a well ventilated place.

# Minimum temperature allowed during storage and transportation: 5 °C

A temporary decrease in temperature during transport does not impair quality.

### Maximum temperature allowed during storage and transportation: 25 °C

Temperature limit to maintain product quality.

# 7.3 Specific end use(s)

No data available.

# SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

### Maximum airborne concentrations at the workplace:

exempt

# 8.2 Exposure controls

# 8.2.1 Exposure in the work place limited and controlled

# General protection and hygiene measures:

Observe standard industrial hygiene practices for the handling of chemical substances. Do not inhale gases/vapours/aerosols. Use with adequate ventilation. Avoid contact with eyes and skin. Preventive skin protection recommended. Remove contaminated, soaked clothing immediately. Clean work areas regularly. Provide emergency shower and eye-bath. Do not eat, drink or smoke when handling. Keep away from foodstuff, drink and feedingstuff.

# Further information for system design and engineering measures

Observe information in section 7. Observe national regulatory requirements.

### Personal protection equipment:

## Respiratory protection

If inhalative exposure above the occupational exposure limit cannot be excluded, adequate respiratory protection equipment must be used. Suitable respiratory equipment: Respirator with a full face mask, according to acknowledged standards such as EN 136. Recommended Filter type: Gas filter type ABEK (certain inorganic, organic and acidic gases and vapors; ammonia/amines), according to acknowledged standards such as EN 14387

Observe the equipment manufacturer's information and wear time limits for respirators.

#### Eye protection

protective goggles, according to acknowledged standards such as EN 166.

### Hand protection

Protective gloves are required at all times when handling the material, according to recognized standards such as EN374.



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Recommended glove types: Protective gloves made of butyl rubber

thickness of the material: > 0,3 mm Breakthrough time: > 480 min

Recommended glove types: Protective gloves made of nitrile rubber

thickness of the material: > 0,4 mm Breakthrough time: 10 - 30 min

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Note that, due to the numerous external influences (such as temperature), a chemically resistant protective glove in daily use may have a service life that is considerably shorter than the measured break through time.

# Skin protection

protective clothing, according to acknowledged standards such as EN 13034.

# 8.2.2 Exposure to the environment limited and controlled

Prevent material from entering surface waters, drains or sewers and soil.

# SECTION 9: Physical and chemical properties

# 9.1 Information on basic physical and chemical properties

Property:	Value:	Method:
Physical state:	liquid	
Form:	paste	
Colour:	white	
Odour:	odourless	
Odour Threshold:	no data available	
Melting point:	not determined	
Boiling point/boiling range:	not determined	
Lower explosion limit:	exempt	
Upper explosion limit:	exempt	
Flash point:	> 200 °C	(DIN 51376)
Ignition temperature:	483 °C	(EN 14522)
Thermal decomposition:	> 250 °C	
pH:	Not applicable. Insoluble in water.	
Viscosity, kinematic:	no data available	
Viscosity, dynamic:	60000 mPa.s at 25 °C	(DIN EN ISO 3219)
	shear rate : 0,5 1/S	
Viscosity, dynamic:	15000 mPa.s at 25 °C	(DIN EN ISO 3219)
	shear rate : 25 1/S	
Water solubility:	practically insoluble	
Partition coefficient: n-octanol/water:	not applicable	
Vapour pressure:	not determined	
Density:	1,15 g/cm³ (23 °C)	(DIN EN ISO 2811-
		2)
Relative vapour density:	no data available	
Particle Size Distribution:	Not applicable.	

# 9.2 Other information

Hydrolysis products reduce the flash point. Explosion limits for released methanol: 5.5 - 44%(V). Explosion limits for released hydrogen: 4 - 75.6%(V). According to previous experience autoignition of SiH containing products on a catalytically active surface may occur at a much lower temperature than expected. This applies to porous or fibrous substances including those with alkaline surfaces, such as thermal insulation and cementaceous insulating materials.

Property: Value: Method:



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# SECTION 10: Stability and reactivity

## 10.1 - 10.3 Reactivity; Chemical stability; Possibility of hazardous reactions

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

Relevant information can possibly be found in other parts of this section.

### 10.4 Conditions to avoid

Moisture, heat, open flames, and other sources of ignition. Contact with contaminated piping or vessels or with corroded and rusty containers can increase the rate of hydrogen formation. Observe information in section 7.

#### 10.5 Incompatible materials

Proton-active substances. Reacts with acids, basic substances (e.g. alkalis, ammonia, amines), alcohols, water, moisture, oxidizing agents, catalysts. The reaction takes place with the formation of hydrogen and methanol.

# 10.6 Hazardous decomposition products

Methanol by hydrolysis. Upon contact with the substances mentioned in 10: hydrogen. Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

# **SECTION 11: Toxicological information**

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

### 11.1.1 General information

Data derived for the product as a whole are of higher priority than data for single ingredients.

#### 11.1.2 Acute toxicity

# **Product details:**

Exposure routes	Result/Effect
Oral	LD50 > 2000 mg/kg
	Species: Rat, Source: Conclusion by analogy
dermal	LD50 > 2000 mg/kg
	Species: Rabbit, Source: Conclusion by analogy

# 11.1.3 Skin corrosion/irritation

# Assessment:

For this endpoint no toxicological test data is available for the whole product.

# 11.1.4 Serious eye damage/eye irritation

# **Product details:**

No eye irritation (Species: Rabbit, Method: OECD 405)

# 11.1.5 Respiratory or skin sensitisation

#### Assessment:

For this endpoint no toxicological test data is available for the whole product.

### **Product details:**

Exposure routes	Result
Inhalation	No data available.

### 11.1.6 Germ cell mutagenicity

#### Assessment:

For this endpoint no toxicological test data is available for the whole product.

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# 11.1.7 Carcinogenicity

#### Assessment:

For this endpoint no toxicological test data is available for the whole product.

### 11.1.8 Reproductive toxicity

### **Assessment:**

For this endpoint no toxicological test data is available for the whole product.

# 11.1.9 Specific target organ toxicity - single exposure

#### Assessment:

For this endpoint no toxicological test data is available for the whole product.

# 11.1.10 Specific target organ toxicity - repeated exposure

### Assessment:

For this endpoint no toxicological test data is available for the whole product.

# 11.1.11 Aspiration hazard

### Assessment:

Based on the physical-chemical properties of the product no aspiration hazard must be expected.

# 11.2 Information on other hazards

# 11.2.1 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

# 11.2.2 Further toxicological information

None known.

#### Data on substances:

# Product of hydrolysis (Methanol):

Methanol (CAS 67-56-1) is readily and rapidly absorbed at all exposure routes and is toxic by all routes. Methanol may cause irritation of the mucosa, as well as nausea, vomiting, headaches, vertigo and visual disorders, including blindness (irreversible damage to the optic nerve), acidosis, spasms, narcosis and coma. There may be a delay in the onset of these effects after exposure.

# SECTION 12: Ecological information

# 12.1 Toxicity

## Assessment:

Based on available data no acute effects on aquatic organisms that are relevant for classification must be expected for the product up to its limits of water solubility.

# 12.2 Persistence and degradability

# Assessment:

Polymer component: biologically not degradable. Elimination by adsorption to activated sludge.

# 12.3 Bioaccumulative potential

# Assessment:

Polymer component: No adverse effects expected.

# 12.4 Mobility in soil

## Assessment:

Polymer component: insoluble in water.



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#### 12.5 Results of PBT and vPvB assessment

No data available.

#### 12.6 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 12.7 Other adverse effects

none known

# SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### 13.1.1 Material

#### Recommendation:

Risk of oxyhydrogen formation upon contact with the substances mentioned in 10. Material designated for disposal must be segregated from incompatible substances or materials specified in Sect. 10. Wastes of this material should not be mixed with other wastes. Provide measures such as vented bungs to ensure pressure relief in the waste containers. Material that cannot be used, reprocessed or recycled should be disposed of in accordance with Federal, State, and local regulations at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration.

#### 13.1.2 Uncleaned packaging

### Recommendation:

Containers may contain hazardous quantities of hydrogen gas. Uncleaned containers should not be reused to hold another material due to the potential for reaction between residual product and incompatible materials. Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

## 13.1.3 Waste Disposal Legislation Ref.No.(EC)

It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

# SECTION 14: Transport information

UN number or ID number

	ADR	Not applicable
14.2	Proper shipping name	
	ADR	Not applicable Not applicable
14.3	Transport hazard class	
	ADR	Not applicable Not applicable
14.4	Packing group	



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#### 14.5 Environmental hazards

Environmentally hazardous: no

#### 14.6 Special precautions for user

Relevant information in other sections has to be considered.

### 14.7 Maritime transport in bulk according to IMO instruments

Bulk transport in tankers is not intended.

# SECTION 15: Regulatory information

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

National and local regulations must be observed.

For information on labelling please refer to section 2 of this document.

Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances (Seveso III):

Not applicable

# Other specifications, restrictions and prohibitions:

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals: Not applicable

#### **Details of international registration status**

Relevant information about individual substance inventories, where available, is given below.

This product is not listed or in compliance with the substance inventory.

This product is not listed or in compliance with the substance inventory.

United States of America (USA) ...... TSCA (Toxic Substance Control Act Chemical Substance Inventory):

All components of this product are listed as active or are in compliance with the

substance inventory.

This product is listed in, or complies with, the substance inventory. General note: The Taiwanese chemicals regulation requires a phase 1 registration for TCSI-listed or TCSI-compliant substances if imports to Taiwan or manufacturing in Taiwan exceed the trigger quantity of 100 kg/a (for mixtures to be calculated per each ingredient). It is the duty of the importing/manufacturing legal entity to take care of

this obligation.

European Economic Area (EEA) ...... REACH (Regulation (EC) No 1907/2006):

General note: the registration obligations for substances imported into the EEA or manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier. The registration obligations for substances imported into the EEA

by customers or other downstream users must be fulfilled by the latter.

South Korea (Republic of Korea).....: AREC (Act on Registration and Evaluation of Chemicals; "K-REACH"):

Please approach your regular contact for more detailed information.

## 15.2 Chemical safety assessment

A chemical safety assessment according to (EC) regulation 1907/2006 (REACH) has not been carried out for this product.

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# **SECTION 16: Other information**

#### 16.1 Material

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements.

The providing of this document to a recipient does not relieve the recipient of his or her responsibility toward compliance with all laws and stipulations applicable to the product. This applies in particular to the further sale or distribution of the product or substances or items containing the product, in other jurisdictions and with regard to the protection of third-party intellectual property rights. If the described product is processed or mixed with other substances or materials, the details stated in this document cannot be conferred to the resultant new product unless this has been expressly mentioned. If the product is repackaged, the recipient is obligated to additionally provide the required safety-related information.

WACKER restricts the use of its products inside the human body or in contact with bodily fluids and mucosa. For further details please review our Health Care Policy on www.wacker.com. WACKER may cancel any delivery obligation(s) if the Health Care Policy is not observed.

#### 16.2 Further information:

Commas appearing in numerical data denote a decimal point. Vertical lines in the left-hand margin indicate changes compared with the previous version. This version supersedes all previous versions.

# Key or legend to abbreviations and acronyms used in the safety data sheet

ABEK - Multi-Range Filter A, B, E, K; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; APF - Assigned Protection Factor; CAS No. - Chemical Abstracts Service Registry Number; DFG - German Research Foundation; DIN - German institute for standardization; DOC - Dissolved Organic Carbon; d/w - days per week; EC / CE / EG - European Community: EC50 / CE50 - Median effective concentration: ECHA - European Chemicals Agency: ED - endocrine disruptor: EG-RL - test method according to Regulation 440/2008; EN - European Standard; ERC - Environmental Release Category; g/cm<sup>3</sup> gram per cubic centimeter; h - hour(s); H-Code - hazard statement code(s); hPa - Hectopascal; IATA Regs - International Air Transport Association (IATA) Dangerous Goods Regulations: IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 / CI50 - half maximal inhibitory concentration; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IMDG Code - International Maritime Dangerous Goods Code; ISO - International Organization for Standardization; LC50 / CL50 - medium lethal concentration; LD50 / DL50 medium lethal dose; LOAEC - Lowest Observed Adverse Effect Concentration; LOAEL - Lowest Observed Adverse Effect Level; MARPOL - International Convention for the Prevention of Marine Pollution from Ships; mg/g - milligrams per gram; mg/kg milligrams per kilogram; mg/l - milligrams per liter; mg/m<sup>3</sup> - milligrams per cubic meter; min - minutes; mJ - milligrams per liter; mg/m<sup>3</sup> - milligrams per cubic meter; min - minutes; mJ - milligrams per liter; mg/m<sup>3</sup> - milligrams per cubic meter; min - minutes; mJ - milligrams per liter; mg/m<sup>3</sup> - milligrams per cubic meter; min - minutes; mJ - milligrams per liter; mg/m<sup>3</sup> - milligrams per cubic meter; min - minutes; mJ - milligrams per cubic meter; min - minutes; mi millimeter; mm²/s - square millimeter per second; mPa.s - Millipascal second(s); MSDS / SDB / SDS - safety data sheet; No Observed Adverse Effect Concentration; NOAEL - No Observed adverse effect level; NOEC - No Observed Effect Concentration; NOEL - No Observed Effect Level; OECD - Organization for Economic Cooperation and Development; PBT - persistent, bioaccumulative, toxic; PC - product category; P-Code - precautionary statement code(s); ppm - parts per million; PROC process category; RCP - reciprocal calculation-based procedure; RID - convention concerning international carriage by rail; SU sector of use: SVHC - substance of very high concern; Vol% - volume percent; UN No. - United Nations Dangerous Goods Number: vPvB - very Persistent, very Bioaccumulative

Explanation of the GHS classification code:

STOT RE 2; H373 .....: Specific target organ toxicity - repeated exposure Category 2; May cause damage to organs through

prolonged or repeated exposure if inhaled.

EUH066...... Repeated exposure may cause skin dryness or cracking.

Eye Dam. 1; H318 .....: Serious eye damage/eye irritation Category 1; Causes serious eye damage.

Aquatic Chronic 3; H412 : Long-term (chronic) aquatic hazard Category 3; Harmful to aquatic life with long lasting effects.

- End of Safety Data Sheet -