

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

EVO-STIK WALL TILE GROUT WHITE

Supercedes Date: 28-Mar-2022

Revision date 20-Feb-2023 Revision Number 2.02

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

1.1. Product identifier

Product Name EVO-STIK WALL TILE GROUT WHITE

Other means of identification

Pure substance/mixture Mixture

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

Recommended use Cement Sealant

Uses advised against None known

1.3. Details of the supplier of the safety data sheet

Company Name

Bostik Industries Limited Newtown, Swords Co. Dublin Ireland Tel: +353 (1) 8624900

Fax: +353 (1) 8624900

E-mail address SDS.box-EU@bostik.com

1.4. Emergency telephone number

Ireland NPIC - National Poison Information Centre

Members of the Public: +353 (01) 8092166 (8.00 am to 10.00 pm - 7 days a week)

Healthcare Professionals: +353 (01) 8092566 (24 hour service)

United Kingdom Bostik: +44 (1785) 272650 (9am to 5pm Mon-Fri)

Europe 11

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 1 - (H318)
Specific target organ toxicity — single exposure	Category 3 - (H335)

2.2. Label elements

Contains Cement Portland White



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Signal word

Danger

Hazard statements

H315 - Causes skin irritation

H318 - Causes serious eye damage

H335 - May cause respiratory irritation

EU Specific Hazard Statements

EUH208 - Contains 2-octyl-2H-isothiazol-3-one [OIT]. May produce an allergic reaction

Precautionary Statements - EU (§28, 1272/2008)

P101 - If medical advice is needed, have product container or label at hand

P102 - Keep out of reach of children

P260 - Do not breathe dust

P271 - Use only outdoors or in a well-ventilated area

P280 - Wear protective gloves and eye/face protection

P302 + P352 - IF ON SKIN: Wash with plenty of water and soap

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P310 - Immediately call a POISON CENTER or doctor

P362 + P364 - Take off contaminated clothing and wash it before reuse

P405 - Store locked up

P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other hazards

Product dust may be irritating to eyes, skin and respiratory system. Frequent inhalation of large quantities of cement dust over a long period of time increases the risk of developing lung disease. When cement reacts with water a strong alkaline solution is produced. Prolonged contact with wet cement or wet concrete may cause serious burns because they develop without pain being felt e.g. when kneeling in wet cement even when wearing trousers. Repeated exposure may cause skin dryness or cracking. Harmful to aquatic life.

PBT & vPvB

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

This product does not contain any known or suspected endocrine disruptors. **Endocrine Disruptor Information**

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	EC No (EU Index No).	CAS No.	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-ter m)	REACH registration number
Cement Portland White 40 - <80 %	266-043-4	65997-15-1	STOT SE 3 (H335) Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	-	-	-	[5]
2-octyl-2H-isothiazol-3-o ne [OIT] 0.01 - <0.1 %	(613-112-00- 5) 247-761-7	26530-20-1	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 3 (H331) Skin Corr. 1B (H314) Eye Dam 1 (H318)	۸	10	1	-

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		Skin Sens. 1A (H317)		
		Aquatic Acute 1 (H400)		
		Aquatic Chronic 1 (H410)		

Full text of H- and EUH-phrases: see section 16

NOTE [5] - This substance is exempted from registration according to the provisions of Article 2(7)(a) and Annex V of REACH

Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

Chemical name	EC No (EU Index No)	CAS No	Oral LD50 mg/kg	Dermal LD50 mg/kg	LC50 - 4 hour -	Inhalation LC50 - 4 hour - vapour - mg/L	
Cement Portland White	266-043-4	65997-15-1	-	-	-	-	-
2-octyl-2H-isothiazol-3-	`	26530-20-1	125+	311 ⁺	0.27+	0.27+	0.27 +
one [OIT]	247-761-7						

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice If medical advice is needed, have product container or label at hand.

Inhalation Remove to fresh air. Get medical attention immediately if symptoms occur. IF exposed or

concerned: Get medical advice/attention.

Eye contact Do not rub affected area. Immediately flush with plenty of water. After initial flushing,

remove any contact lenses and continue flushing for at least 15 minutes. Consult an

ophthalmologist.

Skin contact Brush off loose particles from skin. Remove material from skin immediately. Take off

contaminated clothing and wash it before reuse.

Ingestion Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce

vomiting. Call a doctor.

Self-protection of the first aider Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section

8).

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

Symptoms Burning sensation. Causes serious eye damage. Irritating to skin. Inhalation of dust in

high concentration may cause irritation of respiratory system. When cement reacts with water a strong alkaline solution is produced. Prolonged contact with wet cement or wet concrete may cause serious burns because they develop without pain being felt e.g.

when kneeling in wet cement even when wearing trousers.

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

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Note to doctors No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the

surrounding environment.

Unsuitable extinguishing media Full water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the No information available.

chemical

5.3. Advice for firefighters

precautions for fire-fighters

Special protective equipment and Firefighters should wear self-contained breathing apparatus and full firefighting turnout

gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid generation of dust. Do not get in eyes, on skin, or on clothing. Use personal

protective equipment as required.

Other information Refer to protective measures listed in Sections 7 and 8.

Use personal protection recommended in Section 8. For emergency responders

6.2. Environmental precautions

Environmental precautions Prevent product from entering drains. Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

Cover powder spill with plastic sheet or tarp to minimise spreading and keep powder dry. Methods for containment

Prevent dust cloud.

Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect Methods for cleaning up

dust. Use appropriate personal protective equipment (PPE). Carefully shovel or sweep

up spilled material and place in suitable container. Avoid generating dust.

Clean contaminated objects and areas thoroughly observing environmental regulations. Prevention of secondary hazards

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ensure adequate ventilation. Avoid generation of dust. Avoid contact with skin, eyes or Advice on safe handling

clothing. Use personal protection equipment. Take off contaminated clothing and wash it

before reuse.

Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. General hygiene considerations

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Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

Keep out of the reach of children. Keep the packing dry and well sealed to prevent

contamination and absorption of humidity.

Recommended storage

temperature

Keep at temperatures between 2 and 10 °C.

7.3. Specific end use(s)

Specific use(s) Sealant. Cement.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

Other information Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	European Union	Ireland	United Kingdom
Cement Portland White	-	TWA: 1 mg/m ³	TWA: 10 mg/m ³
65997-15-1		STEL: 3 mg/m ³	TWA: 4 mg/m ³
		_	STEL: 30 mg/m ³
			STEL: 12 mg/m ³
Dust	-	TWA: 10 mg/m ³	TWA: 10 mg/m ³
RR-12364-8		TWA: 4 mg/m ³	TWA: 4 mg/m ³
			STEL: 30 mg/m ³
			STEL: 12 mg/m ³
Calcium distearate	-	TWA: 10 mg/m ³	
1592-23-0		STEL: 30 mg/m ³	

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC)

8.2. Exposure controls

Engineering controls Ensure adequate ventilation, especially in confined areas. Vapours/aerosols must be

exhausted directly at the point of origin.

Personal protective equipment

Eye/face protection Tight sealing safety goggles. Face protection shield. Wear safety glasses with side

shields (or goggles). Eye protection must conform to standard EN 166.

Hand protection Gloves must conform to standard EN 374. Wear protective gloves. The breakthrough

time of the gloves depends on the material and the thickness as well as the temperature. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn. Gloves made of plastic or rubber. Gloves should be replaced regularly and if there is any

sign of damage to the glove material.

Skin and body protection Wear appropriate personal protective clothing to prevent skin contact. Avoid contact with

skin, eyes or clothing.

Respiratory protection Avoid generation of dust. Ensure adequate ventilation, especially in confined areas. No

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protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Possible nuisance dust.

Recommended filter type: Particle filter device (DIN EN 143). with filter for particulates. Wear a respirator

conforming to EN 140 with Type P2/P3 filter or better.

Environmental exposure controls Do not allow into any sewer, on the ground or into any body of water.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Solid
Appearance Powder
Colour White
Odour Odourless.

Odour threshold No information available

<u>Property</u> <u>Values</u> <u>Remarks • Method</u>

Melting point / freezing point Not applicable . °C Initial boiling point and boiling Not applicable . °C

range

Flammability No data available None known Flammability Limit in Air None known

Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

limits

Flash point Not applicable . °C

Autoignition temperatureNo data availableNone knownDecomposition temperatureNo data availableNone known

pH No data available

pH (as aqueous solution) 11 - 14
Kinematic viscosity Not applicable .

Dynamic viscosity .

Water solubility No data available. Cement based None known

products react and solidify in contact

with water

Solubility(ies)No data availableNone knownPartition coefficientNo data availableNone knownVapour pressureNo data availableNone knownRelative densityNo data availableNone known

 Bulk Density
 1.1

 Density
 1.6 g/ml

Relative vapour density No data available None known

Particle characteristics

 $\textbf{Particle Size} \hspace{1.5cm} 50\text{-}1000 \hspace{0.2cm} \mu m$

Particle Size Distribution No information available

9.2. Other information

Solid content (%) 100 Softening Point Not relevant

VOC content No data available

9.2.1. Information with regards to physical hazard classes Not applicable

9.2.2. Other safety characteristics
No information available Not applicable .

SECTION 10: Stability and reactivity

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10.1. Reactivity

Reactivity Product cures with moisture.

10.2. Chemical stability

Stability Keep away from Incompatible materials. Stable under recommended storage conditions.

Explosion data

Sensitivity to mechanical

impact

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

None.

10.4. Conditions to avoid

Product cures with moisture. Conditions to avoid

10.5. Incompatible materials

Incompatible materials Strong acids. Strong bases. Strong oxidising agents. Acids. Aluminium.

10.6. Hazardous decomposition products

Hazardous decomposition

products

None under normal use conditions. Stable under recommended storage conditions.

SECTION 11: Toxicological information

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

Information on likely routes of exposure

Product Information

Specific test data for the substance or mixture is not available. May cause irritation of Inhalation

respiratory tract.

Specific test data for the substance or mixture is not available. Causes serious eye Eye contact

damage. May cause irreversible damage to eyes.

Skin contact Specific test data for the substance or mixture is not available. Causes skin irritation.

(based on components).

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause

gastrointestinal irritation, nausea, vomiting and diarrhoea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Redness. Burning. May cause blindness. May cause redness and tearing of the eyes.

Acute toxicity

Numerical measures of toxicity

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Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Cement Portland White	>2000 mg/Kg	>2000 mg/Kg	-
2-octyl-2H-isothiazol-3-one [OIT]	=125 mg/kg (Rattus)	= 690 mg/kg (Oryctolagus cuniculus)	-

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

Skin corrosion/irritation Classification based on data available for ingredients. Irritating to skin.

2-octyl-2H-isothiazol-3-one [OIT] (26530-20-1)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 404:	Rabbit	Dermal			Corrosive
Acute Dermal					
Irritation/Corrosion					

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes burns. Risk of serious

damage to eyes.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

2-octvl-2H-isothiazol-3-one [OIT] (26530-20-1)

Method	Species	Exposure route	Results
OECD Test No. 429: Skin	Mouse		sensitising
Sensitisation: Local Lymph Node			
Assay			

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

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

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

STOT - single exposure May cause respiratory irritation.

Based on available data, the classification criteria are not met. STOT - repeated exposure

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

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No information available. **Endocrine disrupting properties**

11.2.2. Other information

Other adverse effects No information available.

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SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Harmful to aquatic life.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea	M-Factor	M-Factor (long-term)
2-octyl-2H-isothiazol-3- one [OIT] 26530-20-1	EC50(72h) = 0.084 mg/L (Scenedesmus subspicatus) (OECD 201)	LC50 (96h) = 0.036 mg/L (Oncorhynchus mykiss) (OECD 203)		EC50 (48h) =0.42 mg/L (OECD 202)	10	1

12.2. Persistence and degradability

No information available. Persistence and degradability

2-octyl-2H-isothiazol-3-one [OIT] (26530-20-1)

Method	Exposure time	Value	Results
OECD Test No. 309: Aerobic		Half-life 0.6-1.4 d	Readily biodegradable
Mineralization in Surface Water -			
Simulation Biodegradation Test			ļ

12.3. Bioaccumulative potential

Bioaccumulation

Component Information

Chemical name		Partition coefficient	
	2-octyl-2H-isothiazol-3-one [OIT]	2.92	

12.4. Mobility in soil

No information available. Mobility in soil

12.5. Results of PBT and vPvB assessment

The product does not contain any substance(s) classified as PBT or vPvB above the PBT and vPvB assessment

threshold of declaration.

Chemical name	PBT and vPvB assessment
2-octyl-2H-isothiazol-3-one [OIT]	The substance is not PBT / vPvB

12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused Dispose of in accordance with local regulations. Dispose of waste in accordance with

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products environmental legislation.

Handle contaminated packages in the same way as the product itself. Contaminated packaging

17 09 04 mixed construction and demolition wastes other than those mentioned in 17 09 **European Waste Catalogue**

01, 17 09 02 and 17 09 03

10 13 06 particulates and dust (except 10 13 12 and 10 13 13)

Cured product can be treated as construction waste. In the management of larger quantities consult with local authorities and local waste disposal company

10 13 14 waste concrete and concrete sludge

Other information Waste codes should be assigned by the user based on the application for which the

product was used.

SECTION 14: Transport information

Land transport (ADR/RID)

Not regulated 14.1 UN number or ID number 14.2 Proper Shipping Name Not regulated 14.3 Transport hazard class(es) Not regulated 14.4 Packing group Not regulated 14.5 Environmental hazards Not applicable None

14.6 Special Provisions

IMDG

Not regulated 14.1 UN number or ID number 14.2 Proper Shipping Name Not regulated 14.3 Transport hazard class(es) Not regulated 14.4 Packing group Not regulated

14.5 Marine pollutant NΡ 14.6 Special Provisions None

Not applicable 14.7 Maritime transport in bulk

according to IMO instruments

Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID number Not regulated 14.2 Proper Shipping Name Not regulated 14.3 Transport hazard class(es) Not regulated Not regulated 14.4 Packing group 14.5 Environmental hazards Not applicable

14.6 Special Provisions None

Section 15: REGULATORY INFORMATION

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

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

Registration, Evaluation, Authorization, and Restriction of Chemicals (REACh) Regulation (EC 1907/2006)

SVHC: Substances of Very High Concern for Authorisation:

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This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Substance subject to authorisation per REACH Annex XIV

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

Persistent Organic Pollutants

Not applicable

National regulations

15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture

SECTION 16: Other information

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

Full text of H-Statements referred to under section 3

H301 - Toxic if swallowed

H311 - Toxic 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

H331 - Toxic if inhaled

H335 - May cause respiratory irritation

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

SVHC: Substances of Very High Concern for Authorisation:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Chemicals

vPvB: Very Persistent and very Bioaccumulative (vPvB) Chemicals

STOT RE: Specific target organ toxicity - Repeated exposure

STOT SE: Specific target organ toxicity - Single exposure

EWC: European Waste Catalogue

LOW: List of Wastes (see http://ec.europa.eu/environment/waste/framework/list.htm)

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IATA: International Air Transport Association

ICAO: ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air

IMDG: International Maritime Dangerous Goods

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

Legend SECTION 8: Exposure controls/personal protection

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TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

AGW Occupational exposure limit value BGW Biological limit value Ceiling Maximum limit value * Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - Vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS

European Food Safety Authority (EFSA)

European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)

European Chemicals Agency (ECHA) (ECHA_API)

EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGL(s))

International Uniform Chemical Information Database (IUCLID)

National Institute of Technology and Evaluation (NITE)

NIOSH (National Institute for Occupational Safety and Health)

Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme

Organisation for Economic Co-operation and Development Screening Information Data Set

Prepared By Product Safety & Regulatory Affairs

Revision date 20-Feb-2023

Revision note SDS sections updated 2 3 4 6 7 13 15

Training Advice No information available

Further information No information available

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

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