

SAFETY DATA SHEET



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

1.1. Product identifier

Trade name or designation of the mixture	S&P Carbophalt G, S&P Carbophalt GV, S&P Glasphalt G, S&P Glasphalt GV, S&P Glasphalt GBM
Registration number	-
Synonyms	None.
Issue date	11-October-2016
Version number	01
Revision date	-
Supersedes date	-

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

Identified uses	Pre-bituminised asphalt reinforcement grid.
Uses advised against	For industrial use only.

1.3. Details of the supplier of the safety data sheet

Manufacturer	S&P Polska Sp. z o.o
Address	ul.Bydgoska 9, 82-200 Malbork / Poland
Supplier	S&P Clever Reinforcement Company AG
Address	Seewernstrasse 127, CH 6423 Seewen
Country	Switzerland
Telephone number	+41 41 825 00 70
e-mail	info@sp-reinforcement.ch

1.4. Emergency telephone number

Emergency phone (Access code):	+1 760 476 3961 (334090)
General in EU	112 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Austria National Poisons Information Center	+431 406 4343 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Belgium National Poisons Control Center	070 245 245 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Bulgaria National Toxicological Information Center	+359 2 9154 409 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Czech Republic National Poisons Information Center	+420 224 919 293, or +420 224 915 402 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)
Denmark National Poisons Control Center	+45 82 12 12 12 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Estonia National Poisons Information Center	16662 or abroad: (+372) 626 9390 (Monday 9:00AM to Saturday 9:00AM (closed on Sundays and on national holidays). SDS/Product information may not be available for the Emergency Service.)
Finland National Poison Information Center	(09) 471 977 (direct) or (09) 4711 (exchange) (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
France National Poisons Control Center	ORFILA number (INRS): + 33 (0) 1 45 42 59 59 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Hungary National Emergency Phone Number	36 80 20 11 99 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Lithuania Neatidėliotina informacija apsinuodijus	+370 5 236 20 52 or +37068753378 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)
Malta Accident and Emergency Department	2545 4030 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)

Netherlands National Poisons Information Center (NVIC)	030-274 88 88 (Only for the purpose of informing medical personnel in cases of acute intoxications)
Norway Norwegian Poison Information Center	22 59 13 00 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Romania Biroul RSI si Informare Toxicologica	021.318.36.06 (Available 8:00AM-3:00PM. SDS/Product information may not be available for the Emergency Service.)
Slovakia National Toxicological Information Center	+421 2 5477 4166 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Sweden National Poison Information Center	112 - and ask for Poison Information (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

According to REACH Regulation 1907/2006 EC, the product is considered as an article. The preparation of a safety data sheet in accordance with Article 31 of the Regulation (EC) No.1907/2006 is not legally required for articles.

As being an article the product does not require label in accordance with CLP Regulation (EC) No. 1272/2008 and this safety data sheet (SDS) is provided on the voluntary basis for information purpose only.

Classification according to Regulation (EC) No 1272/2008 as amended

The product is an article and therefore the classification requirements according to Regulation (EC) 1272/2008 as amended do not apply.

Hazard summary Low hazard for recommended handling by trained personnel.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Hazard pictograms	None.
Signal word	None.
Hazard statements	Exempt (manufactured article).

Precautionary statements

Prevention	Observe good industrial hygiene practices.
Response	Wash skin with soap and water.
Storage	Store away from heat. Keep dry.
Disposal	Dispose of waste and residues in accordance with local authority requirements.

Supplemental label information None.

2.3. Other hazards

Processing may generate hazardous fumes and dusts. Elevated temperatures or mechanical action may form dust and fumes which may be irritating to the eye, mucous membranes and respiratory tract. May cause irritation through mechanical abrasion. Exposure to smoke or fumes evolved during cutting, machining, or grinding operations may cause sneezing or coughing, and irritate the nose, throat, and upper respiratory tract. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
S&P Carbophalt G, S&P Carbophalt GV, S&P Glasphalt G, S&P Glasphalt GV, S&P Glasphalt GBM	100	-	-	-	

Classification: -

Constituents

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
Fiberglass	20-50	65997-17-3 266-046-0	-	650-016-00-2	
Asphalt, oxidised	30-45	64742-93-4 265-196-4	-	-	

Constituents

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
Carbon fiber	0-20	308063-67-4 231-153-3	-	-	
Quartz (Silica Crystalline)	15-18	14808-60-7 238-878-4	-	-	
Polypropylene	2-4	9003-07-0 -	-	-	
Poly(oxy-1,2-ethanediyloxycarbonyl-1,4-phenylenecarbonyl)	1-3	25038-59-9 -	-	-	

Composition comments All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

SECTION 4: First aid measures

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

4.1. Description of first aid measures

Inhalation	Solid: Not relevant, due to the form of the product. In case of inhalation of fumes from heated product: Move to fresh air.
Skin contact	Sharp edges may cause cuts and irritation. Cuts or abrasions should be treated promptly with thorough cleansing of the affected area. If burned by contact with hot material, cool molten material adhering to skin as quickly as possible with water, and see a physician for removal of adhering material and treatment of burn.
Eye contact	Dust in the eyes: Do not rub eye. Flush thoroughly with water. If irritation occurs, get medical assistance.
Ingestion	Not likely, due to the form of the product.

4.2. Most important symptoms and effects, both acute and delayed No specific symptoms noted.

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

SECTION 5: Firefighting measures

General fire hazards This product is not flammable. Will burn if involved in a fire.

5.1. Extinguishing media

Suitable extinguishing media	Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media	None known.

5.2. Special hazards arising from the substance or mixture During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Special protective equipment for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Special fire fighting procedures	Use standard firefighting procedures and consider the hazards of other involved materials. Cool material exposed to heat with water spray and remove it if no risk is involved.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Ensure adequate ventilation. Avoid contact with skin and eyes, which may cause lacerations. Avoid inhalation of fumes from molten product.
For emergency responders	Use personal protection recommended in Section 8 of the SDS.

6.2. Environmental precautions Avoid release to the environment.

6.3. Methods and material for containment and cleaning up Collect spillage.

6.4. Reference to other sections For personal protection, see Section 8 of the SDS.
For waste disposal, see Section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Provide adequate ventilation. Use work methods which minimise dust/fume production. Avoid inhalation of dust. Avoid inhalation of fumes from heated product. Wear appropriate personal protective equipment. Wash hands after handling. Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Store away from heat. Keep dry.

7.3. Specific end use(s)

Pre-bituminised asphalt reinforcement grid.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Austria. MAK List

Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	MAK	0,15 mg/m ³	Respirable dust.

Belgium. Exposure Limit Values.

Components	Type	Value	Form
Dust (CAS -)	TWA	3 mg/m ³	Respirable fraction.
		10 mg/m ³	Inhalable fraction.
Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	TWA	0,1 mg/m ³	Respirable dust.
Fiberglass (CAS 65997-17-3)	TWA	1000000 fibers/m ³	Fiber.
		100000 fibers/m ³	Respirable fibers.
		10 mg/m ³	Fiber or dust.

Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work

Components	Type	Value	Form
Dust (CAS -)	TWA	3,5 mg/m ³	Respirable fraction.
		10 mg/m ³	Inhalable fraction.
Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	TWA	0,07 mg/m ³	Respirable fraction.
Fiberglass (CAS 65997-17-3)	TWA	1 fibers/cm ³	Respirable fraction.
		6 mg/m ³	Inhalable fraction.

Croatia. Dangerous Substance Exposure Limit Values in the Workplace (ELVs), Annexes 1 and 2, Narodne Novine, 13/09

Constituents	Type	Value
Quartz (Silica Crystalline) (CAS 14808-60-7)	MAC	0,1 mg/m ³

Cyprus. OELs. Control of factory atmosphere and dangerous substances in factories regulation, PI 311/73, as amended.

Constituents	Type	Value	Form
Fiberglass (CAS 65997-17-3)	TWA	10 mg/m ³	Fiber or dust.

Czech Republic. OELs. Government Decree 361

Components	Type	Value	Form
Dust (CAS -)	TWA	5 mg/m ³	Dust.
Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	TWA	0,1 mg/m ³	Respirable dust.
Polypropylene (CAS 9003-07-0)	TWA	5 mg/m ³	Dust.
Fiberglass (CAS 65997-17-3)	TWA	1 fibers/cm ³	Respirable fibers.
		5 mg/m ³	Dust.
		4 mg/m ³	

Denmark. Exposure Limit Values

Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	TLV	0,3 mg/m ³	Total
Fiberglass (CAS 65997-17-3)	TLV	0,1 mg/m ³ 1 fibers/cm ³	Respirable. Fiber.

Estonia. OELs. Occupational Exposure Limits of Hazardous Substances. (Annex of Regulation No. 293 of 18 September 2001)

Components	Type	Value	Form
Dust (CAS -)	TWA	5 mg/m ³ 10 mg/m ³	Respirable dust. Total dust.
Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	TWA	0,1 mg/m ³	Respirable dust.
Fiberglass (CAS 65997-17-3)	TWA	1 fibers/mL	

Finland. Workplace Exposure Limits

Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	TWA	0,05 mg/m ³	Respirable.
Fiberglass (CAS 65997-17-3)	TWA	1 fibers/cm ³ 5 mg/m ³	Respirable. Inhalable dust.

France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984

Components	Type	Value	Form
Dust (CAS -)	VME	5 mg/m ³ 10 mg/m ³	Respirable fraction. Inhalable fraction.
Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	VME	0,1 mg/m ³	Respirable fraction.

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

Components	Type	Value	Form
Dust (CAS -)	TWA	4 mg/m ³ 0,3 mg/m ³	Inhalable dust. Respirable dust.

Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace

Components	Type	Value	Form
Dust (CAS -)	AGW	10 mg/m ³ 1,25 mg/m ³	Inhalable fraction. Respirable fraction.

Hungary. OELs. Joint Decree on Chemical Safety of Workplaces

Components	Type	Value	Form
Dust (CAS -)	TWA	6 mg/m ³ 10 mg/m ³	Respirable dust. Total inhalable dust.
Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	TWA	0,15 mg/m ³	Respirable.
Fiberglass (CAS 65997-17-3)	TWA	1 fibers/cm ³	Fiber.

Iceland. OELs. Regulation 154/1999 on occupational exposure limits

Components	Type	Value	Form
Dust (CAS -)	TWA	5 mg/m ³ 10 mg/m ³	Respirable dust. Total dust.
Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	TWA	0,3 mg/m ³ 0,1 mg/m ³	Total dust. Respirable dust.

Iceland. OELs. Regulation 154/1999 on occupational exposure limits

Constituents	Type	Value	Form
Fiberglass (CAS 65997-17-3)	TWA	1 fibers/cm3	Fiber.
		1 fibers/cm3	

Ireland. Occupational Exposure Limits

Components	Type	Value	Form
Dust (CAS -)	TWA	4 mg/m3	Respirable dust.
		10 mg/m3	Total inhalable dust.
Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	TWA	0,1 mg/m3	Respirable dust.
Fiberglass (CAS 65997-17-3)	TWA	2 fibers/cm3	
		5 mg/m3	

Italy. OELs

Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	TWA	0,025 mg/m3	Respirable fraction.

Latvia. OELs. Occupational exposure limit values of chemical substances in work environment

Constituents	Type	Value	Form
Poly(oxy-1,2-ethanediyloxy carbonyl-1,4-phenylenecarbonyl) (CAS 25038-59-9)	TWA	5 mg/m3	
Polypropylene (CAS 9003-07-0)	TWA	5 mg/m3	Dust.
Fiberglass (CAS 65997-17-3)	TWA	2 mg/m3	

Lithuania. OELs. Limit Values for Chemical Substances, General Requirements

Constituents	Type	Value	Form
Fiberglass (CAS 65997-17-3)	TWA	0,2 fibers/cm3	Fiber.

Lithuania. OELs. Limit Values for Chemical Substances, General Requirements (Hygiene Norm HN 23:2007)

Components	Type	Value	Form
Dust (CAS -)	TWA	5 mg/m3	Respirable fraction.
		10 mg/m3	Inhalable fraction.
Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	TWA	0,1 mg/m3	Respirable fraction.
Poly(oxy-1,2-ethanediyloxy carbonyl-1,4-phenylenecarbonyl) (CAS 25038-59-9)	TWA	5 mg/m3	
Polypropylene (CAS 9003-07-0)	TWA	10 mg/m3	

Netherlands. OELs (binding)

Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	TWA	0,075 mg/m3	Respirable dust.
Fiberglass (CAS 65997-17-3)	TWA	0,5 fibers/cc	Respirable fibers.

Norway. Administrative Norms for Contaminants in the Workplace

Components	Type	Value	Form
Dust (CAS -)	TLV	5 mg/m3	Respirable dust.
		10 mg/m3	Total dust.
Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	TLV	0,3 mg/m3	Total dust.
		0,1 mg/m3	Respirable dust.

Norway. Administrative Norms for Contaminants in the Workplace

Constituents	Type	Value	Form
Fiberglass (CAS 65997-17-3)	TLV	0,1 fibers/cm3	Fiber.
		5 mg/m3	Total dust.

Poland. MACs. Regulation regarding maximum permissible concentrations and intensities of harmful factors in the work environment, Annex 1

Components	Type	Value	Form
Dust (CAS -)	TWA	10 mg/m3	Inhalable fraction.
		1 mg/m3	Respirable fraction.

Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	TWA	2 mg/m3	Inhalable fraction.
Fiberglass (CAS 65997-17-3)	TWA	0,3 mg/m3	Respirable fraction.
		0,5 fibers/cm3	Respirable fibers.
		1 mg/m3	Inhalable fraction.

Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)

Components	Type	Value	Form
Dust (CAS -)	TWA	3 mg/m3	Respirable fraction.
		10 mg/m3	Inhalable fraction.

Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	TWA	0,025 mg/m3	Respirable fraction.
Fiberglass (CAS 65997-17-3)	TWA	0,2 fibers/cm3	Fiber.
		5 mg/m3	Inhalable fraction.

Romania. OELs. Protection of workers from exposure to chemical agents at the workplace

Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	TWA	0,1 mg/m3	Respirable fraction.

Romania. OELs/CMRs. Protection of workers from exposure to carcinogen and mutagen agents. Hotarâre Nr. 1093 din 16 august 2006, Annex 3

Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	TWA	0,1 mg/m3	Respirable dust.
Fiberglass (CAS 65997-17-3)	TWA	1 fibers/cm3	Respirable fibers.

Slovakia. OELs for carcinogens and mutagens. Regulation No. 46/2002 on carcinogenic and mutagenic substances

Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	TWA	0,1 mg/m3	Respirable fraction.

Slovakia. OELs. Decree of the government of the Slovak Republic concerning protection of health in work with chemical agents

Components	Type	Value	Form
Dust (CAS -)	TWA	10 mg/m3	Dust.
		10 mg/m3	

Constituents	Type	Value
Quartz (Silica Crystalline) (CAS 14808-60-7)	TWA	0,1 mg/m3

Slovakia. OELs. Regulation No. 300/2007 concerning protection of health in work with chemical agents

Components	Type	Value	Form
Dust (CAS -)	TWA	2 mg/m3	Respirable fraction.
		2 mg/m3	Respirable aerosol fraction

Constituents	Type	Value
Fiberglass (CAS 65997-17-3)	TWA	2 fibers/cm3

Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)

Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	TWA	0,15 mg/m ³	Respirable fraction.
Fiberglass (CAS 65997-17-3)	TWA	500000 fibers/cm ³	Dust.

Spain. Carcinogens and Mutagens with Limit Values (Table 2)

Constituents	Type	Value	Form
Fiberglass (CAS 65997-17-3)	TWA	0,5 fibers/cm ³	Fiber.

Spain. Occupational Exposure Limits

Components	Type	Value	Form
Dust (CAS -)	TWA	3 mg/m ³ 10 mg/m ³	Respirable fraction. Inhalable fraction.

Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	TWA	0,05 mg/m ³	Respirable fraction.
Fiberglass (CAS 65997-17-3)	TWA	1 fibers/cm ³	Fiber.

Sweden

Constituents	Type	Value	Form
Fiberglass (CAS 65997-17-3)	TWA	1 fibers/cm ³	Fiber.

Sweden. Occupational Exposure Limit Values

Components	Type	Value	Form
Dust (CAS -)	TWA	5 mg/m ³ 10 mg/m ³	Respirable dust. Inhalable dust.

Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	TWA	0,1 mg/m ³	Respirable dust.
Fiberglass (CAS 65997-17-3)	TWA	1 fibers/mL	

Switzerland. SUVA Grenzwerte am Arbeitsplatz

Components	Type	Value	Form
Dust (CAS -)	TWA	3 mg/m ³ 10 mg/m ³	Respirable dust. Inhalable dust.

Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	TWA	0,15 mg/m ³	Respirable dust.
Fiberglass (CAS 65997-17-3)	TWA	0,5 fibers/mL	Fiber.

UK. EH40 Workplace Exposure Limits (WELs)

Components	Type	Value	Form
Dust (CAS -)	TWA	4 mg/m ³ 10 mg/m ³	Respirable dust. Inhalable dust.

Constituents	Type	Value	Form
Quartz (Silica Crystalline) (CAS 14808-60-7)	TWA	0,1 mg/m ³	Respirable.
Fiberglass (CAS 65997-17-3)	TWA	1 fibers/mL	Fiber.
		5 mg/m ³	Fiber.

Biological limit values No biological exposure limits noted for the ingredient(s).

Recommended monitoring procedures Follow standard monitoring procedures.

Derived no effect levels (DNELs) Not available.

Predicted no effect concentrations (PNECs)	Not available.
8.2. Exposure controls	
Appropriate engineering controls	General ventilation normally adequate. Observe occupational exposure limits and minimise the risk of exposure.
Individual protection measures, such as personal protective equipment	
General information	Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.
Eye/face protection	Use tight fitting goggles if dust is generated by machining operation.
Skin protection	
- Hand protection	Wear suitable protective gloves to prevent cuts and abrasions. Suitable gloves can be recommended by the glove supplier.
- Other	Protective clothing is not required under normal conditions. If material is heated, wear gloves to protect against thermal burns.
Respiratory protection	Not necessary under normal conditions. In the case of respirable dust and/or fumes, use self-contained breathing apparatus.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
Hygiene measures	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.
Environmental exposure controls	Environmental manager must be informed of all major releases.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state	Solid.
Form	Grid.
Colour	Black.
Odour	Characteristic.
Odour threshold	Not applicable.
pH	Not applicable.
Melting point/freezing point	Not applicable.
Initial boiling point and boiling range	Not applicable.
Flash point	Not applicable.
Evaporation rate	Not applicable.
Flammability (solid, gas)	Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)	Not applicable.
Flammability limit - upper (%)	Not applicable.
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Relative density	Not applicable.
Solubility(ies)	Insoluble in water.
Partition coefficient (n-octanol/water)	Not applicable.
Auto-ignition temperature	Not applicable.
Decomposition temperature	Not available.
Viscosity	Not applicable.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

9.2. Other information No relevant additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability	Material is stable under normal conditions.
10.3. Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
10.4. Conditions to avoid	Avoid high temperatures. Avoid dust formation.
10.5. Incompatible materials	Strong oxidising agents.
10.6. Hazardous decomposition products	No hazardous decomposition products are known.

SECTION 11: Toxicological information

General information	Occupational exposure to the substance(s) generated during processing of this material may cause adverse health effects.
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Information on likely routes of exposure

Inhalation	Inhalation of dusts produced during cutting, grinding or sanding of this product may cause irritation of the respiratory tract. Inhalation of vapours/fumes generated by heating this product may cause respiratory irritation with throat discomfort, coughing or difficulty breathing.
Skin contact	The material has sharp edges, which may damage skin. May cause irritation through mechanical abrasion. Molten material will produce thermal burns.
Eye contact	The material has sharp edges, which may damage eyes. Elevated temperatures or mechanical action may form dust and fumes which may be irritating to the eyes. Molten material will produce thermal burns.
Ingestion	Not likely, due to the form of the product. However, ingestion of dusts generated during working operations may cause nausea and vomiting.

Symptoms	Mechanical irritation of skin, eyes and respiratory system.
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11.1. Information on toxicological effects

Acute toxicity	Not relevant, due to the form of the product in its manufactured and shipped state.
Skin corrosion/irritation	Dust may irritate skin. Molten material will produce thermal burns.
Serious eye damage/eye irritation	Dust may irritate the eyes.
Respiratory sensitisation	Based on available data, the classification criteria are not met.
Skin sensitisation	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met. Due to the form of the product, exposure to the potentially carcinogenic components is not expected.

IARC Monographs. Overall Evaluation of Carcinogenicity

Polypropylene (CAS 9003-07-0)	3 Not classifiable as to carcinogenicity to humans.
Quartz (Silica Crystalline) (CAS 14808-60-7)	1 Carcinogenic to humans.

Reproductive toxicity	Based on available data, the classification criteria are not met.
Specific target organ toxicity - single exposure	Based on available data, the classification criteria are not met.
Specific target organ toxicity - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Not relevant, due to the form of the product.
Mixture versus substance information	No data available.
Other information	Because of the polymerically bound form of the product, the risk inherent to the active substances is minimized for all kinds of absorption.

SECTION 12: Ecological information

12.1. Toxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
12.2. Persistence and degradability	The product is not expected to be readily biodegradable.
12.3. Bioaccumulative potential	No data available.
Partition coefficient n-octanol/water (log Kow)	Not applicable.
Bioconcentration factor (BCF)	Not available.

12.4. Mobility in soil	The product is insoluble in water and will sediment in water systems.
12.5. Results of PBT and vPvB assessment	Not a PBT or vPvB substance or mixture.
12.6. Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste	Dispose of in accordance with local regulations.
Contaminated packaging	Not applicable.
EU waste code	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Disposal methods/information	Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

ADR

14.1. - 14.6.: Not regulated as dangerous goods.

RID

14.1. - 14.6.: Not regulated as dangerous goods.

ADN

14.1. - 14.6.: Not regulated as dangerous goods.

IATA

14.1. - 14.6.: Not regulated as dangerous goods.

IMDG

14.1. - 14.6.: Not regulated as dangerous goods.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended

Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended

Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA

Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended

Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Not listed.

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.

Not listed.

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Not listed.

Other regulations

According to REACH Regulation 1907/2006 EC, the product is considered as an article. The preparation of a safety data sheet in accordance with Article 31 of the Regulation (EC) No.1907/2006 is not legally required for articles.

National regulations

Follow national regulation for work with chemical agents.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations

TWA: Time Weighted Average.

References

IARC Monographs. Overall Evaluation of Carcinogenicity

Information on evaluation method leading to the classification of mixture

Not applicable.

Full text of any H-statements not written out in full under Sections 2 to 15

None.

Training information

Follow training instructions when handling this material.

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release. It is not to be considered a warranty or quality specification.