	STOT RE 1 (quartz fine fraction ≥ 10 %) ***This template only addresses the substances (not the mixtures)***	***STOT RE 2 (1% ≤ quartz fine fraction < 10 %)*** ***This template only addresses the substances (not the mixtures)***	***Without classification (quartz fine fraction < 1 %)*** ***This template only addresses the substances (not the mixtures)***
	Company Name	*Company Name*	*Company Name*
	Safety Data Sheet (in compliance with Regulation (EC) 1907/2006	**Safety Data Sheet (in compliance with Regulation (EC) 1907/2006**	**Safety Data Sheet (in compliance with Regulation (EC) 1907/2006**
	QUARTZ	QUARTZ	QUARTZ
	Version	**Version**	**Version**
	xxx	xxx	xxx
	Revision date:	**Revision date:**	**Revision date:**
	May-21	May-21	May-21
Section 1.	**IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**	**IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**	**IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**
1.1.	**Product identifier**	**Product identifier**	**Product identifier**
	Substance name	**Substance name**	**Substance name**
	Quartz*	Quartz*	Quartz*
	Synonyms:	Synonyms:	Synonyms:
	Silica flour, crystalline silica flour, silicon dioxide flour, Quartz sand, Quartzite	Silica xxx, crystalline silica xxx, silicon dioxide xxx, Quartz sand, Quartzite	Silica sand, crystalline silica sand, silicon dioxide, Quartz sand, Quartzite
	Chemical name and formula	**Chemical name and formula**	**Chemical name and formula**
	SiO2	SiO2	SiO2
	Trade names:	Trade names:	Trade names:
	To be completed by the company tradename as on the label	To be completed by the company tradename as on the label	To be completed by the company tradename as on the label
	CAS	CAS	CAS
	14808-60-7	14808-60-7	14808-60-7
	EINECS	EINECS	EINECS
	238-878-4	238-878-4	238-878-4
	REACH Registr. n°:	REACH Registr. n°:	REACH Registr. n°:
	Exempted in accordance with Annex V.7	Exempted in accordance with Annex V.7	Exempted in accordance with Annex V.7
1.2.	**Relevant identified uses of the substance and uses advised against**	**Relevant identified uses of the substance or mixture and uses advised against**	**Relevant identified uses of the substance or mixture and uses advised against**
	Main applications (non exhaustive list): paint, ceramics, glass fibre, adhesives, plastics, rubber sealants, special concrete, manufacture of silicon, ferrosilicon and ironoxide pellets. Additive in production of cement and concrete. Fluxing material.	Main applications (non exhaustive list): paint, ceramics, glass fibre, adhesives, plastics, rubber sealants, special concrete, manufacture of silicon, ferrosilicon and ironoxide pellets. Additive in production of cement and concrete. Fluxing material.	Main applications (non exhaustive list): paint, ceramics, glass fibre, adhesives, plastics, rubber sealants, special concrete, manufacture of silicon, ferrosilicon and ironoxide pellets. Additive in production of cement and concrete. Fluxing material.
	Uses advised against	Uses advised against	Uses advised against
	No use identified in Section 1.2. is advised against	No use identified in Section 1.2. is advised against	No use identified in Section 1.2. is advised against
1.3.	**Details of the supplier of the safety data sheet**	**Details of the supplier of the safety data sheet**	**Details of the supplier of the safety data sheet**
	[entity within EU)	*[entity within EU)*	*[entity within EU)*
	Company name	Company name	Company name
	Address	Address	Address
	Phone N°	Phone N°	Phone N°
	Fax N°	Fax N°	Fax N°

	E-mail of competent person responsible for SDS in the Member State or in the EU:	E-mail of competent person responsible for SDS in the Member State or in the EU:	E-mail of competent person responsible for SDS in the Member State or in the EU:
	To be completed by the company	*To be completed by the company*	*To be completed by the company*
1.4.	**Emergency telephone number**	**Emergency telephone number**	**Emergency telephone number**
	112	112	112
	National Poison Centre telephone N°:	**National Poison Centre telephone N°:**	**National Poison Centre telephone N°:**
	To be completed (See national emergency telephone numbers at http://echa.europa.eu/web/guest/support/helpdesks/national-helpdesks/list-of-national-helpdesks)	To be completed (See national emergency telephone numbers at http://echa.europa.eu/web/guest/support/helpdesks/national-helpdesks/list-of-national-helpdesks)	To be completed (See national emergency telephone numbers at http://echa.europa.eu/web/guest/support/helpdesks/national-helpdesks/list-of-national-helpdesks)
	Emergency telephone at the company	**Emergency telephone at the company**	**Emergency telephone at the company**
	To be completed by the company	*To be completed by the company*	*To be completed by the company*
	Available outside office hours:	**Available outside office hours:**	**Available outside office hours:**
	Yes / No	Yes / No	Yes / No
	Other information (e.g. language of the phone service)	**Other information (e.g. language of the phone service)**	**Other information (e.g. language of the phone service)**
	To be completed by the company	*To be completed by the company*	*To be completed by the company*
Section 2	**HAZARDS IDENTIFICATION**	**HAZARD IDENTIFICATION**	**HAZARD IDENTIFICATION**
2.1.	**Classification of the substance or mixture**	**Classification of the substance or mixture**	**Classification of the substance or mixture**
2.1.1.	Classification according to Regulation EC 1272/2008:	Classification according to Regulation EC 1272/2008:	Classification according to Regulation EC 1272/2008:
	STOT RE 1 , H 372	**STOT RE 2 , H 373**	No classification
	Additional information	Additional information	
	For full texts of H-statements: see Section 16	For full texts of H-statements: see Section 16	
2.2.	**Label elements**	**Label elements**	**Label elements**
2.2.1.	Labelling according to Regulation EC 1272/2008:	Labelling according to Regulation EC 1272/2008:	Labelling according to Regulation EC 1272/2008:
	Hazard pictogram:	**Hazard pictogram:**	**No classification**
			
	Signal Word:	**Signal Word:**	
	DANGER	WARNING	
	Hazard statement:	**Hazard statement:**	
	H 372, causes damage to lung through prolonged or repeated exposure by inhalation.	H 373, may cause damage to lung through prolonged or repeated exposure by inhalation.	
	Precautionary statements:	**Precautionary statements:**	
	P260: do not breathe dust	P260: do not breathe dust	
	P501: Dispose of contents/containers in accordance with local regulation	P501: Dispose of contents/containers in accordance with local regulation	
	In case of inadequate ventilation wear respiratory protection.	In case of inadequate ventilation wear respiratory protection.	
2.3.	**Other hazards**	**Other hazards**	**Other hazards**
	This product is an inorganic substance and does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH	This product is an inorganic substance and does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH	This product is an inorganic substance and does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH
	No other hazard identified	No other hazard identified	No other hazard identified
	Quartz is not included in the Candidate List of substances of very high concern for Authorisation.	Quartz is not included in the Candidate List of substances of very high concern for Authorisation.	Quartz is not included in the Candidate List of substances of very high concern for Authorisation.

	Quartz is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.	Quartz is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.	Quartz is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.
Section 3.	**COMPOSITION / INFORMATION ON INGREDIENTS**	**COMPOSITION / INFORMATION ON INGREDIENTS**	**COMPOSITION / INFORMATION ON INGREDIENTS**
	Main constituent	**Main constituent**	**Main constituent**
	Quartz	Quartz	Quartz
	Amount:	Amount:	Amount:
	SiO2 > 98%	SiO2 > 98%	SiO2 > 98%
	EINECS:	EINECS:	EINECS:
	238-878-4	238-878-4	238-878-4
	CAS:	CAS:	CAS:
	14808-60-7	14808-60-7	14808-60-7
	Impurities	**Impurities**	**Impurities**
	This product contains more than 10% of quartz (fine fraction), which is classified as STOT RE1.	This product contains between 1 and 10% of quartz (fine fraction), which is classified as STOT RE1.	None
Section 4.	**FIRST AID MEASURES**	**FIRST AID MEASURES**	**FIRST AID MEASURES**
4.1.	**Description of first aid measures**	**Description of first aid measures**	**Description of first aid measures**
	Following eye contact:	**Following eye contact:**	**Following eye contact:**
	Rinse with copious quantities of water and seek medical attention if irritation persists	Rinse with copious quantities of water and seek medical attention if irritation persists	Rinse with copious quantities of water and seek medical attention if irritation persists
	Following inhalation:	**Following inhalation:**	**Following inhalation:**
	Movement of the exposed individual from the area to fresh air is recommended.	Movement of the exposed individual from the area to fresh air is recommended.	Movement of the exposed individual from the area to fresh air is recommended.
4.2.	**Most important symptoms and effects both acute and delayed**	**Most important symptoms and effects both acute and delayed**	**Most important symptoms and effects both acute and delayed**
	No acute and delayed symptoms and effects are observed	No acute and delayed symptoms and effects are observed	No acute and delayed symptoms and effects are observed
4.3.	**Indication of any immediate medical attention and special treatment needed**	**Indication of any immediate medical attention and special treatment needed**	**Indication of any immediate medical attention and special treatment needed**
	No specific actions are required	No specific actions are required	No specific actions are required
Section 5.	**FIRE-FIGHTING MEASURES**	**FIRE-FIGHTING MEASURES**	**FIRE-FIGHTING MEASURES**
5.1.	**Extinguishing media**	**Extinguishing media**	**Extinguishing media**
5.1.1.	Suitable extinguishing media	Suitable extinguishing media	Suitable extinguishing media
	No specific extinguishing media is needed	No specific extinguishing media is needed	No specific extinguishing media is needed
5.1.2.	Unsuitable extinguishing media	Unsuitable extinguishing media	Unsuitable extinguishing media
	No restriction on the extinguishing media to be used	No restriction on the extinguishing media to be used	No restriction on the extinguishing media to be used
5.2.	**Special hazards arising from the substance or mixture**	**Special hazards arising from the substance or mixture**	**Special hazards arising from the substance or mixture**
	Non combustible. No hazardous thermal decomposition.	Non combustible. No hazardous thermal decomposition.	Non combustible. No hazardous thermal decomposition.
5.3.	**Advice for firefighters**	**Advice for firefighters**	**Advice for firefighters**
	No specific fire-fighting protection is required.	No specific fire-fighting protection is required.	No specific fire-fighting protection is required.
Section 6.	**ACCIDENTAL RELEASE MEASURES**	**ACCIDENTAL RELEASE MEASURES**	**ACCIDENTAL RELEASE MEASURES**
6.1.	**Personal precautions, protective equipment and emergency procedures**	**Personal precautions, protective equipment and emergency procedures**	**Personal precautions, protective equipment and emergency procedures**
	Avoid airborne dust generation, wear respiratory personal protective equipment in compliance with national legislation, see EN 143: 2000.	Avoid airborne dust generation, wear respiratory personal protective equipment in compliance with national legislation, see EN 143: 2000.	Avoid airborne dust generation, wear respiratory personal protective equipment in compliance with national legislation, see EN 143: 2000.

6.2.	**Environmental precautions**	**Environmental precautions**	**Environmental precautions**
	No special requirements.	No special requirements.	No special requirements.
6.3.	**Methods and material for containment and cleaning up**	**Methods and material for containment and cleaning up**	**Methods and material for containment and cleaning up**
	Avoid dry sweeping and use water spraying or vacuum cleaning systems (with high-efficiency particulate air filter) to prevent airborne dust generation. Wear personal protective equipment in compliance with national legislation.	Avoid dry sweeping and use water spraying or vacuum cleaning systems (with high-efficiency particulate air filter) to prevent airborne dust generation. Wear personal protective equipment in compliance with national legislation.	Avoid dry sweeping and use water spraying or vacuum cleaning systems (with high-efficiency particulate air filter) to prevent airborne dust generation. Wear personal protective equipment in compliance with national legislation.
6.4.	**Reference to other sections**	**Reference to other sections**	**Reference to other sections**
	See sections 8 and 13	See sections 8 and 13	See sections 8 and 13
Section 7.	**HANDLING AND STORAGE**	**HANDLING AND STORAGE**	**HANDLING AND STORAGE**
7.1.	**Precautions for safe handling**	**Precautions for safe handling**	**Precautions for safe handling**
7.1.1.	Protective measures	Protective measures	Protective measures
	Avoid airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. Other suitable controls may include enclosure, isolation, water suppression, respiratory protective equipment. Handle packaged products carefully to prevent accidental bursting. If you require advice on safe handling techniques, please contact your supplier or check the Good Practice Guide referred to in section 16.	Avoid airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. Other suitable controls may include enclosure, isolation, water suppression, respiratory protective equipment. Handle packaged products carefully to prevent accidental bursting. If you require advice on safe handling techniques, please contact your supplier or check the Good Practice Guide referred to in section 16.	Avoid airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. Other suitable controls may include enclosure, isolation, water suppression, respiratory protective equipment. Handle packaged products carefully to prevent accidental bursting. If you require advice on safe handling techniques, please contact your supplier or check the Good Practice Guide referred to in section 16.
7.1.2.	Advice on general occupational hygiene	Advice on general occupational hygiene	Advice on general occupational hygiene
	Do not to eat, drink and smoke in work areas; wash hands after use; remove contaminated clothing and protective equipment before entering eating areas. Shower and change clothes at end of work shift.	Do not to eat, drink and smoke in work areas; wash hands after use; remove contaminated clothing and protective equipment before entering eating areas. Shower and change clothes at end of work shift.	Do not to eat, drink and smoke in work areas; wash hands after use; remove contaminated clothing and protective equipment before entering eating areas. Shower and change clothes at end of work shift.
7.2.	**Conditions for safe storage, including any incompatibilities**	**Conditions for safe storage, including any incompatibilities**	**Conditions for safe storage, including any incompatibilities**
		Technical measures / Precautions	**Technical measures / Precautions**
	Minimise airborne dust generation and prevent wind dispersal during loading and unloading. Keep containers closed and store packaged products so as to prevent accidental bursting.	Minimise airborne dust generation and prevent wind dispersal during loading and unloading. Keep containers closed and store packaged products so as to prevent accidental bursting.	Minimise airborne dust generation and prevent wind dispersal during loading and unloading. Keep containers closed and store packaged products so as to prevent accidental bursting.
7.3.	**Specific end use(s)**	**Specific end use(s)**	**Specific end use(s)**
	If you require advice on specific uses, please contact your supplier or check the Good Practice Guide referred to in section 16.	If you require advice on specific uses, please contact your supplier or check the Good Practice Guide referred to in section 16.	If you require advice on specific uses, please contact your supplier or check the Good Practice Guide referred to in section 16.
Section 8.	**EXPOSURE CONTROLS / PERSONAL PROTECTION**	**EXPOSURE CONTROLS / PERSONAL PROTECTION**	**EXPOSURE CONTROLS / PERSONAL PROTECTION**
8.1.	**Control parameters**	**Control parameters**	**Control parameters**
	Follow workplace regulatory exposure limits for all types of airborne dust (e.g. total dust, respirable dust, respirable quartz, respirable cristobalite).	Follow workplace regulatory exposure limits for all types of airborne dust (e.g. total dust, respirable dust, respirable quartz, respirable cristobalite).	Follow workplace regulatory exposure limits for all types of airborne dust (e.g. total dust, respirable dust, respirable quartz, respirable cristobalite).
	The OEL (Occupational Exposure Limit) for respirable crystalline silica dust is xxx mg/m³ in *country* , measured as an 8 hour TWA (Time Weighted Average). For the equivalent limits in other countries, please consult a competent occupational hygienist or the local regulatory authority.	The OEL (Occupational Exposure Limit) for respirable crystalline silica dust is xxx mg/m³ in *country* , measured as an 8 hour TWA (Time Weighted Average). For the equivalent limits in other countries, please consult a competent occupational hygienist or the local regulatory authority.	The OEL (Occupational Exposure Limit) for respirable crystalline silica dust is xxx mg/m³ in *country* , measured as an 8 hour TWA (Time Weighted Average). For the equivalent limits in other countries, please consult a competent occupational hygienist or the local regulatory authority.

	A European Binding OEL (Occupational Exposure Limit) for respirable crystalline silica dust is set at 0.1 mg/m³ in the Directive (EU) 2017/2398, measured as an 8-hour TWA (Time Weighted Average).	A European Binding OEL (Occupational Exposure Limit) for respirable crystalline silica dust is set at 0.1 mg/m³ in the Directive (EU) 2017/2398, measured as an 8-hour TWA (Time Weighted Average).	A European Binding OEL (Occupational Exposure Limit) for respirable crystalline silica dust is set at 0.1 mg/m³ in the Directive (EU) 2017/2398, measured as an 8-hour TWA (Time Weighted Average).
8.2.	**Exposure controls**	**Exposure controls**	**Exposure controls**
8.2.1.	**Appropriate engineering controls:**	***Appropriate engineering controls:***	***Appropriate engineering controls:***
	Minimise airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organisational measures, e.g. by isolating personnel from dusty areas. Remove and wash soiled clothing.	Minimise airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organisational measures, e.g. by isolating personnel from dusty areas. Remove and wash soiled clothing.	Minimise airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organisational measures, e.g. by isolating personnel from dusty areas. Remove and wash soiled clothing.
8.2.2.	**Individual protection measures, such as personal protective equipment:**	***Individual protection measures, such as personal protective equipment:***	***Individual protection measures, such as personal protective equipment:***
8.2.2.1.	**Eye protection**	**Eye protection**	**Eye protection**
	Wear safety glasses with side-shields in circumstances where there is a risk of penetrative eye injuries.	Wear safety glasses with side-shields in circumstances where there is a risk of penetrative eye injuries.	Wear safety glasses with side-shields in circumstances where there is a risk of penetrative eye injuries.
8.2.2.2.	**Skin protection**	**Skin protection**	**Skin protection**
	No specific requirement. For hands, see below.	No specific requirement. For hands, see below.	No specific requirement. For hands, see below.
	Hand protection	**Hand protection**	**Hand protection**
	Appropriate protection (e.g. gloves, barrier cream) is recommended for workers who suffer from dermatitis or sensitive skin. Wash hands at the end of each work session.	Appropriate protection (e.g. gloves, barrier cream) is recommended for workers who suffer from dermatitis or sensitive skin. Wash hands at the end of each work session.	Appropriate protection (e.g. gloves, barrier cream) is recommended for workers who suffer from dermatitis or sensitive skin. Wash hands at the end of each work session.
8.2.2.3.	**Respiratory protection**	**Respiratory protection**	**Respiratory protection**
	In case of prolonged exposure to airborne dust concentrations, wear a respiratory protective equipment that complies with the requirements of European and national legislation.	In case of prolonged exposure to airborne dust concentrations, wear a respiratory protective equipment that complies with the requirements of European and national legislation.	In case of prolonged exposure to airborne dust concentrations, wear a respiratory protective equipment that complies with the requirements of European and national legislation.
	The use of half or full face masks with filters against particles of category 2 or 3 (FP2 - FP3) is recommended. See EN 143: 2000 - Respiratory protective devices. Particle filters.	The use of half or full face masks with filters against particles of category 2 or 3 (FP2 - FP3) is recommended. See EN 143: 2000 - Respiratory protective devices. Particle filters.	The use of half or full face masks with filters against particles of category 2 or 3 (FP2 - FP3) is recommended. See EN 143: 2000 - Respiratory protective devices. Particle filters.
8.2.3.	**Environmental exposure controls**	***Environmental exposure controls***	***Environmental exposure controls***
	Avoid wind dispersal.	Avoid wind dispersal.	Avoid wind dispersal.
Section 9.	**PHYSICAL AND CHEMICAL PROPERTIES**	**PHYSICAL AND CHEMICAL PROPERTIES**	**PHYSICAL AND CHEMICAL PROPERTIES**
9.1.	**Information on basic physical and chemical properties**	**Information on basic physical and chemical properties**	**Information on basic physical and chemical properties**
	Physical state:	***Physical state:***	***Physical state:***
	solid	solid	solid
	Colour	**Colour**	**Colour**
	grayish/white	grayish/white	grayish/white
	Odour:	***Odour:***	***Odour:***
	odourless	odourless	odourless
	Odour threshold:	***Odour threshold:***	***Odour threshold:***
	Not applicable	Not applicable	Not applicable
	pH (400 g/l water at 20°C):	***pH (400 g/l water at 20°C):***	***pH (400 g/l water at 20°C):***
	5 -- 8	5 -- 8	5 -- 8

	Melting point:	***Melting point:***	***Melting point:***
	> 1610°C	> 1610°C	> 1610°C
	Initial boiling point and boiling range:	***Initial boiling point and boiling range:***	***Initial boiling point and boiling range:***
	between 2230°C and 2590°C	between 2230°C and 2590°C	between 2230°C and 2590°C
	Flash point:	***Flash point:***	***Flash point:***
	Not applicable (solid with a melting point >1610°C)	Not applicable (solid with a melting point >1610°C)	Not applicable (solid with a melting point >1610°C)
	Evaporation rate:	***Evaporation rate:***	***Evaporation rate:***
	Not applicable (solid with a melting point >1610°C)	Not applicable (solid with a melting point >1610°C)	Not applicable (solid with a melting point >1610°C)
	Flammability:	***Flammability:***	***Flammability:***
	Non flammable (not combustible)	Non flammable (not combustible)	Non flammable (not combustible)
	Explosive limits:	***Explosive limits:***	***Explosive limits:***
	Non explosive (absence of chemical groups associated with explosive properties)	Non explosive (absence of chemical groups associated with explosive properties)	Non explosive (absence of chemical groups associated with explosive properties)
	Vapour pressure:	***Vapour pressure:***	***Vapour pressure:***
	Not applicable (solid with a melting point >1610°C)	Not applicable (solid with a melting point >1610°C)	Not applicable (solid with a melting point >1610°C)
	Vapour density:	***Vapour density:***	***Vapour density:***
	Not applicable	Not applicable	Not applicable
	Density:	***Density:***	***Density:***
	2 -- 3 g/cm³	2 -- 3 g/cm³	2 -- 3 g/cm³
	Grain shape:	***Grain shape:***	***Grain shape:***
	angular	angular	angular
	Solubility in water:	***Solubility in water:***	***Solubility in water:***
	negligible	negligible	negligible
	Solubility in hydrofluoric acid:	***Solubility in hydrofluoric acid:***	***Solubility in hydrofluoric acid:***
	yes	yes	yes
	Partition coefficient: n-octanol/water:	***Partition coefficient: n-octanol/water:***	***Partition coefficient: n-octanol/water:***
	Not applicable (inorganic substance)	Not applicable (inorganic substance)	Not applicable (inorganic substance)
	Auto-ignition temperature:	***Auto-ignition temperature:***	***Auto-ignition temperature:***
	No self-heating below 400°C (solid with melting point >1610°C)	No self-heating below 400°C (solid with melting point >1610°C)	No self-heating below 400°C (solid with melting point >1610°C)
	Decomposition temperature:	***Decomposition temperature:***	***Decomposition temperature:***
	ca. 2000°C	ca. 2000°C	ca. 2000°C
	Viscosity:	***Viscosity:***	***Viscosity:***
	Not applicable (solid with a melting point >1610°C)	Not applicable (solid with a melting point >1610°C)	Not applicable (solid with a melting point >1610°C)
	Explosive properties:	***Explosive properties:***	***Explosive properties:***
	Non explosive (absence of chemical groups associated with explosive properties)	Non explosive (absence of chemical groups associated with explosive properties)	Non explosive (absence of chemical groups associated with explosive properties)
	Oxidising properties:	***Oxidising properties:***	***Oxidising properties:***
	Not applicable (substance is incapable of reacting exothermically with a combustible material)	Not applicable (substance is incapable of reacting exothermically with a combustible material)	Not applicable (substance is incapable of reacting exothermically with a combustible material)
	Particle characteristics	**Particle characteristics**	**Particle characteristics**
	The particle size, i.e. median equivalent diameter (range) + method	*The particle size, i.e. median equivalent diameter (range) + method*	*The particle size, i.e. median equivalent diameter (range) + method*
9.2.	**Other information**	**Other information**	**Other information**
	No other information	No other information	No other information
Section 10.	**STABILITY AND REACTIVITY**	**STABILITY AND REACTIVITY**	**STABILITY AND REACTIVITY**
10.1.	**Reactivity**	**Reactivity**	**Reactivity**
	Inert, not reactive	Inert, not reactive	Inert, not reactive
10.2.	**Chemical stability**	**Chemical stability**	**Chemical stability**
	Chemically stable	Chemically stable	Chemically stable

10.3.	**Possibility of hazardous reactions**	**Possibility of hazardous reactions**	**Possibility of hazardous reactions**
	No hazardous reactions	No hazardous reactions	No hazardous reactions
10.4.	**Conditions to avoid**	**Conditions to avoid**	**Conditions to avoid**
	not relevant	not relevant	not relevant
10.5.	**Incompatible materials**	**Incompatible materials**	**Incompatible materials**
	no particular incompatibility	no particular incompatibility	no particular incompatibility
10.6.	**Hazardous decomposition products**	**Hazardous decomposition products**	**Hazardous decomposition products**
	not relevant	not relevant	not relevant
Section 11.	**TOXICOLOGICAL INFORMATION**	**TOXICOLOGICAL INFORMATION**	**TOXICOLOGICAL INFORMATION**
11.1.	**Information on hazard classes as defined in Regulation (EC) No 1272/2008**	**Information on hazard classes as defined in Regulation (EC) No 1272/2008**	**Information on hazard classes as defined in Regulation (EC) No 1272/2008**
	(a) Acute toxicity;	*(a) Acute toxicity;*	*(a) Acute toxicity;*
	The acute oral/dermal LD50 of quartz and cristobalite is greater than 2000 mg/kg.	The acute oral/dermal LD50 of quartz and cristobalite is greater than 2000 mg/kg.	The acute oral/dermal LD50 of quartz and cristobalite is greater than 2000 mg/kg.
	Acute toxicity inhalation:	Acute toxicity inhalation:	Acute toxicity inhalation:
	There is no specific acute toxicity data at doses that enable a categorical decision on the acute inhalation toxicity classification for any form of crystalline silica at 100%. Acute inhalation toxicity is not expected based on read across to an OECD compliant study, with a substance that contains 45% cristobalite and gives no indication of lethality. Hence further testing is not warranted in the interests of animal welfare.	There is no specific acute toxicity data at doses that enable a categorical decision on the acute inhalation toxicity classification for any form of crystalline silica at 100%. Acute inhalation toxicity is not expected based on read across to an OECD compliant study, with a substance that contains 45% cristobalite and gives no indication of lethality. Hence further testing is not warranted in the interests of animal welfare.	There is no specific acute toxicity data at doses that enable a categorical decision on the acute inhalation toxicity classification for any form of crystalline silica at 100%. Acute inhalation toxicity is not expected based on read across to an OECD compliant study, with a substance that contains 45% cristobalite and gives no indication of lethality. Hence further testing is not warranted in the interests of animal welfare.
	(b) skin corrosion/irritation;	*(b) skin corrosion/irritation;*	*(b) skin corrosion/irritation;*
	Quartz (coarse sand and milled) is not irritating to skin (OECD TG 404).	Quartz (coarse sand and milled) is not irritating to skin (OECD TG 404).	Quartz (coarse sand and milled) is not irritating to skin (OECD TG 404).
	(c) serious eye damage/irritation;	*(c) serious eye damage/irritation;*	*(c) serious eye damage/irritation;*
	Quartz (coarse sand and milled) is not irritating to eye (OECD TG 405) .	Quartz (coarse sand and milled) is not irritating to eye (OECD TG 405) .	Quartz (coarse sand and milled) is not irritating to eye (OECD TG 405) .
	(d) respiratory or skin sensitisation;	*(d) respiratory or skin sensitisation;*	*(d) respiratory or skin sensitisation;*
	No evidence of skin sensitisation in handbook data.	No evidence of skin sensitisation in handbook data.	No evidence of skin sensitisation in handbook data.
	(e) germ cell mutagenicity;	*(e) germ cell mutagenicity;*	*(e) germ cell mutagenicity;*
	Quartz has a genotoxic and mutagenic effect mainly through its inflammatory effects. Respirable quartz was unable to cause increased HPRT mutations in rat lung epithelial cells in vitro.	Quartz has a genotoxic and mutagenic effect mainly through its inflammatory effects. Respirable quartz was unable to cause increased HPRT mutations in rat lung epithelial cells in vitro.	Quartz has a genotoxic and mutagenic effect mainly through its inflammatory effects. Respirable quartz was unable to cause increased HPRT mutations in rat lung epithelial cells in vitro.
	(f) carcinogenicity;	*(f) carcinogenicity;*	*(f) carcinogenicity;*
	Lung cancer excess risk is demonstrated only under high occupational exposures to Respirable Crystalline Silica. The lung cancer excess risk is restricted to subjects who contracted silicosis.	Lung cancer excess risk is demonstrated only under high occupational exposures to Respirable Crystalline Silica. The lung cancer excess risk is restricted to subjects who contracted silicosis.	Lung cancer excess risk is demonstrated only under high occupational exposures to Respirable Crystalline Silica. The lung cancer excess risk is restricted to subjects who contracted silicosis.
	(g) reproductive toxicity;	*(g) reproductive toxicity;*	*(g) reproductive toxicity;*
	Silica is essential for normal body function and is ingested orally via the consumption of foods containing silica naturally. An early one-generation study on Wistar rats gave no evidence of any adverse effects arising from long-term feeding of silica-rich water.	Silica is essential for normal body function and is ingested orally via the consumption of foods containing silica naturally. An early one-generation study on Wistar rats gave no evidence of any adverse effects arising from long-term feeding of silica-rich water.	Silica is essential for normal body function and is ingested orally via the consumption of foods containing silica naturally. An early one-generation study on Wistar rats gave no evidence of any adverse effects arising from long-term feeding of silica-rich water.
	(h) STOT-single exposure	*(h) STOT-single exposure*	*(h) STOT-single exposure*
	Studies available; inconclusive	Studies available; inconclusive	Studies available; inconclusive
	(i) STOT-repeated exposure	*(i) STOT-repeated exposure*	*(i) STOT-repeated exposure*
	This product contains quartz (fine fraction) and is classified as STOT RE 1 according to criteria defined in the Regulation EC 1272/2008	This product contains quartz (fine fraction) and is classified as STOT RE 2 according to criteria defined in the Regulation EC 1272/2008	This product is not classified as STOT RE according to criteria defined in the Regulation EC 1272/2008

	Prolonged and/or massive exposure to respirable crystalline silica-containing dust may cause silicosis, a nodular pulmonary fibrosis caused by deposition in the lungs of fine respirable particles of crystalline silica.	Prolonged and/or massive exposure to respirable crystalline silica-containing dust may cause silicosis, a nodular pulmonary fibrosis caused by deposition in the lungs of fine respirable particles of crystalline silica.	Prolonged and/or massive exposure to respirable crystalline silica-containing dust may cause silicosis, a nodular pulmonary fibrosis caused by deposition in the lungs of fine respirable particles of crystalline silica.
	There is a body of evidence supporting the fact that increased cancer risk would be limited to people already suffering from silicosis. Worker protection against silicosis should be assured by respecting the existing regulatory occupational exposure limits and implementing additional risk management measures where required (see section 16 below for more information).	There is a body of evidence supporting the fact that increased cancer risk would be limited to people already suffering from silicosis. Worker protection against silicosis should be assured by respecting the existing regulatory occupational exposure limits and implementing additional risk management measures where required (see section 16 below for more information).	There is a body of evidence supporting the fact that increased cancer risk would be limited to people already suffering from silicosis. Worker protection against silicosis should be assured by respecting the existing regulatory occupational exposure limits and implementing additional risk management measures where required (see section 16 below for more information).
	(j) aspiration hazard.	*(j) aspiration hazard.*	*(j) aspiration hazard.*
	No aspiration hazard envisaged	No aspiration hazard envisaged	No aspiration hazard envisaged
11.2.	**Information on other hazards**	**Information on other hazards**	**Information on other hazards**
11.2.1.	**Endocrine disrupting properties**	**Endocrine disrupting properties**	**Endocrine disrupting properties**
	Available data for the substance have been considered against the criteria laid down in Regulations ((EC) No 1907/2006, (EU) 2017/2100, (EU) 2018/605) and found not to apply	Available data for the substance have been considered against the criteria laid down in Regulations ((EC) No 1907/2006, (EU) 2017/2100, (EU) 2018/605) and found not to apply	Available data for the substance have been considered against the criteria laid down in Regulations ((EC) No 1907/2006, (EU) 2017/2100, (EU) 2018/605) and found not to apply
11.2.2.	**Other informarion**	**Other informarion**	**Other informarion**
	None	**None**	**None**
Section 12.	**ECOLOGICAL INFORMATION**	**ECOLOGICAL INFORMATION**	**ECOLOGICAL INFORMATION**
12.1.	**Toxicity**	**Toxicity**	**Toxicity**
	not relevant	not relevant	not relevant
12.2.	**Persistence and degradability**	**Persistence and degradability**	**Persistence and degradability**
	not relevant	not relevant	not relevant
12.3.	**Bioaccumulative potential**	**Bioaccumulative potential**	**Bioaccumulative potential**
	not relevant (Some organisms accumulate Si(OH)4)	not relevant (Some organisms accumulate Si(OH)4)	not relevant (Some organisms accumulate Si(OH)4)
12.4.	**Mobility in soil**	**Mobility in soil**	**Mobility in soil**
	negligible	negligible	negligible
12.5.	**Results of PBT and vPvB assessment**	**Results of PBT and vPvB assessment**	**Results of PBT and vPvB assessment**
	not relevant	not relevant	not relevant
12.6.	**Endocrine disrupting properties**	**Endocrine disrupting properties**	**Endocrine disrupting properties**
	Available data for the substance have been considered against the criteria laid down in Regulations ((EC) No 1907/2006, (EU) 2017/2100, (EU) 2018/605) and found not to apply.	Available data for the substance have been considered against the criteria laid down in Regulations ((EC) No 1907/2006, (EU) 2017/2100, (EU) 2018/605) and found not to apply.	Available data for the substance have been considered against the criteria laid down in Regulations ((EC) No 1907/2006, (EU) 2017/2100, (EU) 2018/605) and found not to apply.
12.7.	**Other adverse effects**	**Other adverse effects**	**Other adverse effects**
	No other adverse effects known.	No specific adverse effects known.	No specific adverse effects known.
Section 13.	**DISPOSAL CONSIDERATIONS**	**DISPOSAL CONSIDERATIONS**	**DISPOSAL CONSIDERATIONS**
13.1.	**Waste treatment methods**	**Waste treatment methods**	**Waste treatment methods**
	Waste from residues / unused products	**Waste from residues / unused products**	**Waste from residues / unused products**
	Where possible, recycling is preferable to disposal. Can be disposed of in compliance with local regulations.	Where possible, recycling is preferable to disposal. Can be disposed of in compliance with local regulations.	Where possible, recycling is preferable to disposal. Can be disposed of in compliance with local regulations.
	Packaging	**Packaging**	**Packaging**
	Dust formation from residues in packaging should be avoided and suitable worker protection assured. Store used packaging in enclosed receptacles.	Dust formation from residues in packaging should be avoided and suitable worker protection assured. Store used packaging in enclosed receptacles.	Dust formation from residues in packaging should be avoided and suitable worker protection assured. Store used packaging in enclosed receptacles.
	Recycling and disposal of packaging should be carried out in compliance with local regulations.	Recycling and disposal of packaging should be carried out in compliance with local regulations.	Recycling and disposal of packaging should be carried out in compliance with local regulations.
Section 14.	**TRANSPORT INFORMATION**	**TRANSPORT INFORMATION**	**TRANSPORT INFORMATION**

14.1.	**UN Number**	**14.1. UN Number**	**14.1. UN Number**
	not relevant	not relevant	not relevant
14.2.	**UN proper shipping name**	**14.2. UN proper shipping name**	**14.2. UN proper shipping name**
	not relevant	not relevant	not relevant
14.3.	**Transport hazard classes**	**14.3. Transport hazard classes**	**14.3. Transport hazard classes**
	ADR: Not classified	ADR: Not classified	ADR: Not classified
	IMDG: Not classified	IMDG: Not classified	IMDG: Not classified
	ICAO/IATA: Not classified	ICAO/IATA: Not classified	ICAO/IATA: Not classified
	RID: Not classified	RID: Not classified	RID: Not classified
14.4.	**Packing group**	**14.4. Packing group**	**14.4. Packing group**
	not applicable	not applicable	not applicable
14.5.	**Environmental hazards**	**14.5. Environmental hazards**	**14.5. Environmental hazards**
	not relevant	not relevant	not relevant
14.6.	**Special precautions for user**	**14.6. Special precautions for user**	**14.6. Special precautions for user**
	no special precautions	no special precautions	no special precautions
14.7.	**Maritime transport in bulk according to IMO instruments**	**Maritime transport in bulk according to IMO instruments**	**Maritime transport in bulk according to IMO instruments**
	not relevant	not relevant	not relevant
Section 15.	**REGULATORY INFORMATION**	**REGULATORY INFORMATION**	**REGULATORY INFORMATION**
15.1.	**Safety, health and environmental regulations/legislation specific for the substance**	**Safety, health and environmental regulations/legislation specific for the substance or mixture**	**Safety, health and environmental regulations/legislation specific for the substance or mixture**
	National legislation/requirements:	**National legislation/requirements:**	**National legislation/requirements:**
	To be completed by the company.	**To be completed by the company.**	**To be completed by the company.**
	Water Hazard Classification (Germany)	Water Hazard Classification (Germany)	Water Hazard Classification (Germany)
	NWG	NWG	NWG
	International legislation/requirements:	**International legislation/requirements:**	**International legislation/requirements:**
	To be completed by the company.	To be completed by the company.	To be completed by the company.
15.2.	**Chemical safety assessment**	**Chemical safety assessment**	**Chemical safety assessment**
	Exempted from REACH Registration in accordance with Annex V.7. of Regulation (EC) 1907/2006.	Exempted from REACH Registration in accordance with Annex V.7. of Regulation (EC) 1907/2006.	Exempted from REACH Registration in accordance with Annex V.7. of Regulation (EC) 1907/2006.
Section 16.	**OTHER INFORMATION**	**OTHER INFORMATION**	**OTHER INFORMATION**
	Data are based on our latest knowledge but do not constitute a guarantee for any specific product features and do not establish a legally valid contractual relationship.	Data are based on our latest knowledge but do not constitute a guarantee for any specific product features and do not establish a legally valid contractual relationship.	Data are based on our latest knowledge but do not constitute a guarantee for any specific product features and do not establish a legally valid contractual relationship.
16.1.	**Revision**	**Revision**	**Revision**
	The SDS has been revised to comply with Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of REACH.	The SDS has been revised to comply with Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of REACH.	The SDS has been revised to comply with Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of REACH.
16.2.	**Abbreviations**	**Abbreviations**	**Abbreviations**
	LD50: Medial lethal dose	LD50: Medial lethal dose	LD50: Medial lethal dose
	PBT: Persistent bioaccumulative toxic	PBT: Persistent bioaccumulative toxic	PBT: Persistent bioaccumulative toxic
	STOT: Specific Target Organ Toxicity	STOT: Specific Target Organ Toxicity	STOT: Specific Target Organ Toxicity
	vPvB: Very persistent very bioaccumulative	vPvB: Very persistent very bioaccumulative	vPvB: Very persistent very bioaccumulative
16.3.	**Relevant H-statements**	**Relevant H-statements**	**Relevant H-statements**
	H 372: causes damage to lung through prolonged or repeated inhalation.	H 373, may cause damage to lung through prolonged or repeated exposure by inhalation.	Not applicable
16.4.	**Other relevant information**	**Other relevant information**	**Other relevant information**

	In 1997, **IARC** (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans (human carcinogen category 1). However it pointed out that not all industrial circumstances, nor all crystalline silica types, were to be incriminated. *(IARC Monographs on the evaluation of the carcinogenic risks of chemicals to humans, Silica, silicates dust and organic fibres, 1997, Vol. 68, IARC, Lyon, France.)*	In 1997, **IARC** (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans (human carcinogen category 1). However it pointed out that not all industrial circumstances, nor all crystalline silica types, were to be incriminated. *(IARC Monographs on the evaluation of the carcinogenic risks of chemicals to humans, Silica, silicates dust and organic fibres, 1997, Vol. 68, IARC, Lyon, France.)*	In 1997, **IARC** (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans (human carcinogen category 1). However it pointed out that not all industrial circumstances, nor all crystalline silica types, were to be incriminated. *(IARC Monographs on the evaluation of the carcinogenic risks of chemicals to humans, Silica, silicates dust and organic fibres, 1997, Vol. 68, IARC, Lyon, France.)*
	In 2009, in the Monographs 100 series, IARC confirmed its classification of Silica Dust, Crystalline, in the form of Quartz and Cristobalite *(IARC Monographs, Volume 100C, 2012).*	In 2009, in the Monographs 100 series, IARC confirmed its classification of Silica Dust, Crystalline, in the form of Quartz and Cristobalite *(IARC Monographs, Volume 100C, 2012).*	In 2009, in the Monographs 100 series, IARC confirmed its classification of Silica Dust, Crystalline, in the form of Quartz and Cristobalite *(IARC Monographs, Volume 100C, 2012).*
	In June 2003, **SCOEL** (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and, apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore preventing the onset of silicosis will also reduce the cancer risk…" *(SCOEL SUM Doc 94-final, June 2003).*	In June 2003, **SCOEL** (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and, apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore preventing the onset of silicosis will also reduce the cancer risk…" *(SCOEL SUM Doc 94-final, June 2003).*	In June 2003, **SCOEL** (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and, apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore preventing the onset of silicosis will also reduce the cancer risk…" *(SCOEL SUM Doc 94-final, June 2003).*
	A multi-sectoral social dialogue agreement on Workers Health Protection through the Good Handling and Use of Crystalline Silica and Products Containing it was signed on 25 April 2006. This autonomous agreement, which received the European Commission's financial support, is based on a Good Practices Guide. The requirements of the Agreement came into force on 25 October 2006. The Agreement was published in the Official Journal of the European Union (2006/C 279/02). The text of the Agreement and its annexes, including the Good Practices Guide, are available from **http://www.nepsi.eu** and provide useful information for the handling of products containing crystalline silica (fine fraction). Literature references are available on request from EUROSIL, the European Association of Industrial Silica Producers.	A multi-sectoral social dialogue agreement on Workers Health Protection through the Good Handling and Use of Crystalline Silica and Products Containing it was signed on 25 April 2006. This autonomous agreement, which received the European Commission's financial support, is based on a Good Practices Guide. The requirements of the Agreement came into force on 25 October 2006. The Agreement was published in the Official Journal of the European Union (2006/C 279/02). The text of the Agreement and its annexes, including the Good Practices Guide, are available from **http://www.nepsi.eu** and provide useful information and guidance for the handling of products containing respirable crystalline silica. Literature references are available on request from EUROSIL, the European Association of Industrial Silica Producers,	A multi-sectoral social dialogue agreement on Workers Health Protection through the Good Handling and Use of Crystalline Silica and Products Containing it was signed on 25 April 2006. This autonomous agreement, which received the European Commission's financial support, is based on a Good Practices Guide. The requirements of the Agreement came into force on 25 October 2006. The Agreement was published in the Official Journal of the European Union (2006/C 279/02). The text of the Agreement and its annexes, including the Good Practices Guide, are available from **http://www.nepsi.eu** and provide useful information and guidance for the handling of products containing respirable crystalline silica. Literature references are available on request from EUROSIL, the European Association of Industrial Silica Producers,
	Works involving exposure to respirable crystalline silica dust generated by a work process are included in Directive (EU) 2017/2398 of 12 December 2017 amending Directive 2004/37/EC on the Protection of Workers from the risks related to exposure to Carcinogens or Mutagens at work.	Works involving exposure to respirable crystalline silica dust generated by a work process are included in Directive (EU) 2017/2398 of 12 December 2017 amending Directive 2004/37/EC on the Protection of Workers from the risks related to exposure to Carcinogens or Mutagens at work.	Works involving exposure to respirable crystalline silica dust generated by a work process are included in Directive (EU) 2017/2398 of 12 December 2017 amending Directive 2004/37/EC on the Protection of Workers from the risks related to exposure to Carcinogens or Mutagens at work.
	Health & Safety Executive (**specific for UK*****):*** *Detailed reviews of the scientific evidence on the health effects of crystalline silica have been published by HSE (Health and Safety Executive, UK) in the Hazard Assessment Documents EH75/4 (2002) and EH75/5 (2003). The HSE points out on its website that "Workers exposed to fine dust containing quartz are at risk of developing a chronic and possibly severely disabling lung disease known as "silicosis". In addition to silicosis, there is now evidence that heavy and prolonged workplace exposure to dust containing crystalline silica can lead to an increased risk of lung cancer. The evidence suggests that an increased risk of lung cancer is likely to occur only in those workers who have developed silicosis."*	***Health & Safety Executive*** **(specific for UK):** Detailed reviews of the scientific evidence on the health effects of crystalline silica have been published by HSE (Health and Safety Executive, UK) in the Hazard Assessment Documents EH75/4 (2002) and EH75/5 (2003). The HSE points out on its website that "Workers exposed to fine dust containing quartz are at risk of developing a chronic and possibly severely disabling lung disease known as "silicosis". In addition to silicosis, there is now evidence that heavy and prolonged workplace exposure to dust containing crystalline silica can lead to an increased risk of lung cancer. The evidence suggests that an increased risk of lung cancer is likely to occur only in those workers who have developed silicosis."	***Health & Safety Executive*** **(specific for UK):** Detailed reviews of the scientific evidence on the health effects of crystalline silica have been published by HSE (Health and Safety Executive, UK) in the Hazard Assessment Documents EH75/4 (2002) and EH75/5 (2003). The HSE points out on its website that "Workers exposed to fine dust containing quartz are at risk of developing a chronic and possibly severely disabling lung disease known as "silicosis". In addition to silicosis, there is now evidence that heavy and prolonged workplace exposure to dust containing crystalline silica can lead to an increased risk of lung cancer. The evidence suggests that an increased risk of lung cancer is likely to occur only in those workers who have developed silicosis."

	This safety data sheet (SDS) is based on the legal provisions of the REACH Regulation (EC 1907/2006; article 31 and Annex II), as amended. Its contents are intended as a guide to the appropriate precautionary handling of the material. It is the responsibility of recipients of this SDS to ensure that the information contained therein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. Information and instructions provided in this SDS are based on the current state of scientific and technical knowledge at the date of issue indicated. It should not be construed as any guarantee of technical performance, suitability for particular applications, and does not establish a legally valid contractual relationship. This version of the SDS supersedes all previous versions.	This safety data sheet (SDS) is based on the legal provisions of the REACH Regulation (EC 1907/2006; article 31 and Annex II), as amended. Its contents are intended as a guide to the appropriate precautionary handling of the material. It is the responsibility of recipients of this SDS to ensure that the information contained therein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. Information and instructions provided in this SDS are based on the current state of scientific and technical knowledge at the date of issue indicated. It should not be construed as any guarantee of technical performance, suitability for particular applications, and does not establish a legally valid contractual relationship. This version of the SDS supersedes all previous versions.	This safety data sheet (SDS) is based on the legal provisions of the REACH Regulation (EC 1907/2006; article 31 and Annex II), as amended. Its contents are intended as a guide to the appropriate precautionary handling of the material. It is the responsibility of recipients of this SDS to ensure that the information contained therein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. Information and instructions provided in this SDS are based on the current state of scientific and technical knowledge at the date of issue indicated. It should not be construed as any guarantee of technical performance, suitability for particular applications, and does not establish a legally valid contractual relationship. This version of the SDS supersedes all previous versions.
	END OF THE SAFETY DATA SHEET	END OF THE SAFETY DATA SHEET	END OF THE SAFETY DATA SHEET