	STOT RE 1 (cristobalite fine fraction > 10%)	STOT RE 2 (1% < cristobalite fine fraction < 10%)
	Company Name	Company Name
	Safety Data Sheet (in compliance with Regulation	Safety Data Sheet (in compliance with Regulation (EC)
	(EC) 1907/2006 and Regulation (EC) 1272/2008) and	1907/2006 and Regulation (EC) 1272/2008) and
	Regulation (EC) 453/2010) CRISTOBALITE FLOUR	Regulation (EC) 453/2010) CRISTOBALITE XXX
	Version	Version
	XXX	XXX
	Revision date:	Revision date:
	June 2015	June 2015
Section 1.	IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF	IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE
	THE COMPANY / UNDERTAKING	COMPANY / UNDERTAKING
1.1.	Product identifier	Product identifier
	Substance name	Substance name
	Cristobalite flour	Cristobalite xxx
	Synonyms:	Synonyms:
	silica flour, crystalline silica flour, silicon dioxide flour	silica xxx, crystalline silica xxx, silicon dioxide xxx
	Chemical name and formula	Chemical name and formula
	SiO2	SiO2
	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
	EINECS:	EINECS:
	238-455-4	238-455-4
	CAS:	CAS:
	14464-46-1	14464-46-1
	REACH Registr. n°:	REACH Registr. n°:
	Exempted in accordance with Annex V.7.	Exempted in accordance with Annex V.7.
1.2.	Relevant identified uses of the substance or mixture and uses	Relevant identified uses of the substance or mixture and uses advised
	advised against	against
	Main applications of cristobalite flour - non-exhaustive list: paint, ceramics, glass fibre, adhesives, plastics, rubber sealants, special concrete, silicone	Main applications of cristobalite flour - non-exhaustive list: paint, ceramics, glass fibre, adhesives, plastics, rubber sealants, special concrete, silicone etc.
	etc.	, and a second s
	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
1.3.	Details of the supplier of the safety data sheet	Details of the supplier of the safety data sheet
	[entity within EU)	[entity within EU)
	Company name	Company name
	Address	Address
	Phone N°	Phone N°
	Fax N°	Fax N°
	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
	F	
1.4.	Emergency telephone number	Emergency telephone number
	112	112
	National centre for Prevention and Treatment of Intoxications N°:	National centre for Prevention and Treatment of Intoxications N°:

STOT RE 1 (cristobalite fine fraction > 10%)	STOT RE 2 (1% < cristobalite fine fraction < 10%)
To be completed (See national emergency telephone numbers at	To be completed (See national emergency telephone numbers at
http://echa.europa.eu/web/guest/support/helpdesks/national-helpdesks/list-	http://echa.europa.eu/web/guest/support/helpdesks/national-helpdesks/list-of-
of-national-helpdesks)	national-helpdesks)
Emergency telephone at the company	Emergency telephone at the company
To be completed by the company	To be completed by the company
Available outside office hours?	Available outside office hours?
Yes / No	Yes / No
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
HAZARD IDENTIFICATION	HAZARD IDENTIFICATION
Classification of the substance or mixture	Classification of the substance or mixture
	Classification according to Regulation EC 1272/2008:
ů ů	STOT RE 2, H 373
•	Additional information
	For full texts of H-statements: see Section 16
	Label elements
	Labelling according to Regulation EC 1272/2008:
	Hazard pictogram:
Signal Word:	Signal Word:
DANGER	WARNING
Hazard statement:	Hazard statement:
H 372, causes damage to lung through prolonged or repeated inhalation.	H 373, may cause damage to lung through prolonged or repeated 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.
	Other hazards
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
COMPOSITION / INFORMATION ON INGREDIENTS	COMPOSITION / INFORMATION ON INGREDIENTS
Main constituent	Main constituent
Cristobalite flour	Cristobalite xxx
Amount:	Amount:
approx. 99 %	approx. 99 %
EINECS:	EINECS:
LINEOU.	
238-455-4	238-455-4
238-455-4	238-455-4
238-455-4 CAS:	238-455-4 CAS:
238-455-4 CAS: 14464-46-1	238-455-4 CAS: 14464-46-1
238-455-4 CAS:	238-455-4 CAS:
	Emergency telephone at the company To be completed by the company Available outside office hours? Yes / No Other information (e.g. language of the phone service) To be completed by the company HAZARD IDENTIFICATION Classification of the substance or mixture Classification according to Regulation EC 1272/2008: STOT RE 1 , H 372 Additional information For full texts of H-statements: see Section 16 Label elements Labelling according to Regulation EC 1272/2008: Hazard pictogram:  Signal Word: DANGER Hazard statement: H 372, causes damage to lung through prolonged or repeated inhalation. Precautionary statements: P260: Do not breathe dust  P501: Dispose of contents/containers in accordance with local regulation in case of inadequate ventilation wear respiratory protection.  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 No other hazard identified COMPOSITION / INFORMATION ON INGREDIENTS Main constituent Cristobalite flour

	STOT RE 1 (cristobalite fine fraction > 10%)	STOT RE 2 (1% < cristobalite fine fraction < 10%)	
Section 4.	FIRST AID MEASURES	FIRST AID MEASURES	
4.1.	Description of first aid measures	Description of first aid measures	
4.1.	Following eye contact:	Following eye contact:	
	Rinse with copious quantities of water and seek medical attention if	Rinse with copious quantities of water and seek medical attention if irritation	
	irritation persists	persists	
	Following inhalation:	Following inhalation:	
	Movement of the exposed individual from the area to fresh air is	Movement of the exposed individual from the area to fresh air is recommended.	
	recommended.	The same is a same and the same is a same in the same in the same is a same in the same is a same in the same in the same is a same in the same in the same is a same in the	
4.2.	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	
4.3.	Indication of any immediate medical attention and special treatment	Indication of any immediate medical attention and special treatment	
	needed	needed	
	No specific actions are required	No specific actions are required	
Section 5.	FIRE-FIGHTING MEASURES	FIRE-FIGHTING MEASURES	
5.1.	Extinguishing media	Extinguishing media	
5.1.1.	Suitable extinguishing media	Suitable extinguishing media	
	No specific extinguishing media is needed	No specific extinguishing media is needed	
5.1.2.	Unsuitable extinguishing media	Unsuitable extinguishing media	
_	No restriction on the extinguishing media to be used	No restriction on the extinguishing media to be used	
		galaxing masks at a second	
5.2.	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.	
5.3.	Advice for firefighters	Advice for firefighters	
	No specific fire-fighting protection is required.	No specific fire-fighting protection is required.	
	a share a gar gh amana a sign as	a character 2 2 4 2 k control of a character 2	
Section 6.	ACCIDENTAL RELEASE MEASURES	ACCIDENTAL RELEASE MEASURES	
6.1.	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.	
	equipment in compliance with national legislation, see EIV 140. 2000.	in compliance with national regislation, see EN 140. 2000.	
6.2.	Environmental precautions	Environmental precautions	
	No special requirements.	No special requirements.	
6.3.	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	Avoid dry sweeping and use water spraying or vacuum cleaning systems (with	
	(with high-efficiency particulate air filter) to prevent airborne dust	high-efficiency particulate air filter) to prevent airborne dust generation. Wear	
	generation. Wear personal protective equipment in compliance with	personal protective equipment in compliance with national legislation.	
	national legislation.		
6.4.	Reference to other sections	Reference to other sections	
	See sections 8 and 13	See sections 8 and 13	
0	UANDUNG AND GTODAGE	HANDING AND OTODAGE	
Section 7.	HANDLING AND STORAGE	HANDLING AND STORAGE	
7.1.	Precautions for safe handling	Precautions for safe handling	
7.1.1.	Protective measures	Protective measures	

	STOT RE 1 (cristobalite fine fraction ≥ 10%)	STOT RE 2 (1% < cristobalite fine fraction < 10%)
	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
7.2.	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.  Conditions for safe storage, including any incompatibilities	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.  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.
7.3.	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.
Section 8.	EXPOSURE CONTROLS / PERSONAL PROTECTION	EXPOSURE CONTROLS / PERSONAL PROTECTION
8.1.	Control parameters	Control parameters
	Follow workplace regulatory exposure limits for all types of airborne dust (e.g. total dust, respirable dust, respirable crystalline silica dust).	Follow workplace regulatory exposure limits for all types of airborne dust (e.g. total dust, respirable dust, respirable crystalline silica dust).
	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).
8.2.	Exposure controls	Exposure controls
8.2.1.	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
8.2.2.	Individual protection measures, such as personal protective equipment:	Individual protection measures, such as personal protective equipment:
8.2.2.1.	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.
8.2.2.2.	Skin protection	Skin protection
	No specific requirement. For hands, see below.  Hand protection	No specific requirement. For hands, see below.  Hand protection
	manu protection	rianu protection

	STOT RE 1 (cristobalite fine fraction ≥ 10%)	STOT RE 2 (1% ≤ cristobalite fine fraction < 10%)	
	Appropriate protection (e.g. gloves, barrier cream) is recommended for	Appropriate protection (e.g. gloves, barrier cream) is recommended for workers	
	workers who suffer from dermatitis or sensitive skin. Wash hands at the	who suffer from dermatitis or sensitive skin. Wash hands at the end of each work	
	end of each work session.	session.	
8.2.2.3.	Respiratory protection	Respiratory protection	
	In case of prolonged exposure to airborne dust concentrations, wear a	In case of prolonged exposure to airborne dust concentrations, wear a	
	respiratory protective equipment that complies with the requirements of	respiratory protective equipment that complies with the requirements of	
	European and national legislation.	European and national legislation.	
	The use of half or full face masks with filters against particles of category 2	The use of half or full face masks with filters against particles of category 2 or 3	
	or 3 (FP2 - FP3) is recommended. See EN 143: 2000 - Respiratory	(FP2 - FP3) is recommended. See EN 143: 2000 - Respiratory protective	
8.2.3.	protective devices. Particle filters.  Environmental exposure controls	devices. Particle filters.  Environmental exposure controls	
0.2.3.	Avoid wind dispersal.	Avoid wind dispersal.	
	Avoid wille dispersal.	Avoid willd dispersal.	
Coation 0	DUVEICAL AND CHEMICAL PROPERTIES	DUVEICAL AND CHEMICAL DEODERTIES	
Section 9.	PHYSICAL AND CHEMICAL PROPERTIES	PHYSICAL AND CHEMICAL PROPERTIES	
9.1.	Information on basic physical and chemical proporties	Information on basic physical and chemical properties	
9.1.	Information on basic physical and chemical properties		
	Appearance	Appearance solid, white xxx	
	solid, white powder	,	
	Odour	Odour	
	odourless	odourless	
	Odour threshold	Odour threshold	
	not relevant	not relevant	
	pH (400 g/l water at 20 ℃)	pH (400 g/l water at 20 ℃)	
	9	9	
	Melting point	Melting point	
	1718 ℃	1718 ℃	
	Initial boiling point and boiling range:	Initial boiling point and boiling range:	
	between 2230 ℃ and 2590 ℃	between 2230 ℃ and 2590 ℃	
	Flash point:	Flash point:	
	Not applicable (solid with a melting point >1610 °C)	Not applicable (solid with a melting point >1610 ℃)	
	Evaporation rate:	Evaporation rate:	
	Not applicable (solid with a melting point >1610 °C)	Not applicable (solid with a melting point >1610 ℃)	
	Flammability:	Flammability:	
	Non flammable (not combustible)	Non flammable (not combustible)	
	Explosive limits:	Explosive limits:	
	Non explosive (absence of chemical groups associated with explosive	Non explosive (absence of chemical groups associated with explosive	
	properties)	properties)	
	Vapour pressure:	Vapour pressure:	
	Not applicable (solid with a melting point >1610 ℃)	Not applicable (solid with a melting point >1610 ℃)	
	Vapour density:	Vapour density:	
	Not applicable	Not applicable	
	Density	Density	
	2.35 g/cm <sup>3</sup>	2.35 g/cm <sup>3</sup>	
	Grain shape	Grain shape	
	angular	angular	
	Solubility in water	Solubility in water	
	negligible	negligible	
	Solubility in hydrofluoric acid	Solubility in hydrofluoric acid	
	yes	yes	
	Partition coefficient: n-octanol/water:	Partition coefficient: n-octanol/water:	

	STOT RE 1 (cristobalite fine fraction ≥ 10%)	STOT RE 2 (1% ≤ cristobalite fine fraction < 10%)
	Not applicable (inorganic substance)	Not applicable (inorganic substance)
	Auto-ignition temperature:	Auto-ignition temperature:
	No self-heating below 400 °C (solid with melting point >1610 °C)	No self-heating below 400 ℃ (solid with melting point >1610 ℃)
	Decomposition temperature:	Decomposition temperature:
	ca. 2000 ℃	ca. 2000 ℃
	Viscosity:	Viscosity:
	Not applicable (solid with a melting point >1610 °C)	Not applicable (solid with a melting point >1610 °C)
	Explosive properties:	Explosive properties:
	Non explosive (absence of chemical groups associated with explosive	Non explosive (absence of chemical groups associated with explosive
	properties)	properties)
	Oxidising properties:	Oxidising properties:
	Not applicable (substance is incapable of reacting exothermically with a	Not applicable (substance is incapable of reacting exothermically with a
	combustible material)	combustible material)
	ombastion material	Sombastisio material)
9.2.	Other information	Other information
	No other information	No other information
Section 10.	STABILITY AND REACTIVITY	STABILITY AND REACTIVITY
10.1.	Reactivity	Reactivity
	Inert, not reactive	Inert, not reactive
10.2.	Chemical stability	Chemical stability
10.2.	Chemically stable	Chemically stable
10.3.	Possibility of hazardous reactions	Possibility of hazardous reactions
10.0.	No hazardous reactions	No hazardous reactions
10.4.	Conditions to avoid	Conditions to avoid
10.4.	not relevant	not relevant
10.5.	Incompatible materials	Incompatible materials
10.5.	no particular incompatibility	no particular incompatibility
10.6.	Hazardous decomposition products	Hazardous decomposition products
10.0.	not relevant	not relevant
	not relevant	I lot relevant
Section 11.	TOXICOLOGICAL INFORMATION	TOXICOLOGICAL INFORMATION
11.1.	Information on toxicological effects	Information on toxicological effects
11.1.	Information on toxicological effects	Information on toxicological effects
	(a) Acute toxicity;	(a) Acute toxicity;
	The acute oral/dermal LD50 of quartz and cristobalite is greater than 2000	The acute oral/dermal LD50 of quartz and cristobalite is greater than 2000
	ma/kg.	ma/kg.
	Acute toxicity inhalation:	Acute toxicity inhalation:
	There is no specific acute toxicity data at doses that enable a categorical	There is no specific acute toxicity data at doses that enable a categorical
	decision on the acute inhalation toxicity classification for any form of	decision on the acute inhalation toxicity classification for any form of crystalline
	crystalline silica at 100%. Acute inhalation toxicity is not expected based	silica at 100%. Acute inhalation toxicity is not expected based on read across to
1	on read across to an OECD compliant study, with a substance that	an OECD compliant study, with a substance that contains 45% cristobalite and
	contains 45% cristobalite and gives no indication of lethality. Hence	gives no indication of lethality. Hence further testing is not warranted in the
	further testing is not warranted in the interests of animal welfare.	interests of animal welfare.
	(b) skin corrosion/irritation;	(b) skin corrosion/irritation;
	Cristobalite (coarse sand and milled) is not irritating to skin (OECD TG 404).	Cristobalite (coarse sand and milled) is not irritating to skin (OECD TG 404).
	(c) serious eye damage/irritation;	(c) serious eye damage/irritation;
	Cristobalite (coarse sand and milled) is not irritating to eye (OECD TG	Cristobalite (coarse sand and milled) is not irritating to eye (OECD TG 405).

	STOT RE 1 (cristobalite fine fraction > 10%)	STOT RE 2 (1% < cristobalite fine fraction < 10%)	
	(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.	
	(e) germ cell mutagenicity;	(e) germ cell mutagenicity;	
	Cristobalite has a genotoxic and mutagenic effect mainly through its	Cristobalite has a genotoxic and mutagenic effect mainly through its	
	inflammatory effects. Respirable cristobalite was unable to cause	inflammatory effects. Respirable cristobalite was unable to cause increased	
	increased HPRT mutations in rat lung epithelial cells in vitro.	HPRT mutations in rat lung epithelial cells in vitro.	
	(f) carcinogenicity;	(f) carcinogenicity;	
	Lung cancer excess risk is demonstrated only under high occupational	Lung cancer excess risk is demonstrated only under high occupational	
	exposures to Respirable Crystalline Silica. The lung cancer excess risk is	exposures to Respirable Crystalline Silica. The lung cancer excess risk is	
	restricted to subjects who contracted silicosis.	restricted to subjects who contracted silicosis.	
	(g) reproductive toxicity;	(g) reproductive toxicity;	
	Silica is essential for normal body function and is ingested orally via the	Silica is essential for normal body function and is ingested orally via the	
	consumption of foods containing silica naturally. An early one-generation	consumption of foods containing silica naturally. An early one-generation study	
	study on Wistar rats gave no evidence of any adverse effects arising from	on Wistar rats gave no evidence of any adverse effects arising from long-term	
	long-term feeding of silica-rich water.	feeding of silica-rich water.	
	(h) STOT-single exposure	(h) STOT-single exposure	
	Studies available; inconclusive	Studies available; inconclusive	
	(i) STOT-repeated exposure	(i) STOT-repeated exposure	
	This product contains cristobalite (fine fraction) and is classified as STOT	This product contains cristobalite (fine fraction) and is classified as STOT RE 2	
	RE 1 according to criteria defined in the Regulation EC 1272/2008	according to criteria defined in the Regulation EC 1272/2008	
	Prolonged and/or massive exposure to respirable crystalline silica-	Prolonged and/or massive exposure to respirable crystalline silica-containing	
	containing dust may cause silicosis, a nodular pulmonary fibrosis caused	dust may cause silicosis, a nodular pulmonary fibrosis caused by deposition in	
	by deposition in the lungs of fine respirable particles of crystalline silica.	the lungs of fine respirable particles of crystalline silica.	
	-,p	and the second s	
	There is a body of evidence supporting the fact that increased cancer risk	There is a body of evidence supporting the fact that increased cancer risk would	
	would be limited to people already suffering from silicosis. Worker	be limited to people already suffering from silicosis. Worker protection against	
	protection against silicosis should be assured by respecting the existing	silicosis should be assured by respecting the existing regulatory occupational	
	regulatory occupational exposure limits and implementing additional risk	exposure limits and implementing additional risk management measures where	
	management measures where required (see section 16 below for more	required (see section 16 below for more information).	
	information)		
	(j) aspiration hazard.	(j) aspiration hazard.	
	No aspiration hazard envisaged	No aspiration hazard envisaged	
Section 12.	ECOLOGICAL INFORMATION	ECOLOGICAL INFORMATION	
12.1.	Toxicity	Toxicity	
12.11	not relevant	not relevant	
12.2.	Persistence and degradability	Persistence and degradability	
12.2.	not relevant		
10.0		not relevant	
12.3.	Bioaccumulative potential	Bioaccumulative potential	
	not relevant (Some organisms accumulate Si(OH)4)	not relevant (Some organisms accumulate Si(OH)4)	
12.4.	Mobility in soil	Mobility in soil	
	negligible	negligible	
12.5.	Results of PBT and vPvB assessment	Results of PBT and vPvB assessment	
	not relevant	not relevant	
12.6.	Other adverse effects	Other adverse effects	
	No specific adverse effects known.	No specific adverse effects known.	
Cootion 10	DICPOSAL CONCIDEDATIONS	DICTOCAL CONCIDED ATIONS	
Section 13.	DISPOSAL CONSIDERATIONS	DISPOSAL CONSIDERATIONS	
13.1.	Waste treatment methods	Waste treatment methods	
	Waste from residues / unused products	Waste from residues / unused products	
	Where possible, recycling is preferable to disposal. Can be disposed of in	Where possible, recycling is preferable to disposal. Can be disposed of in	
	compliance with local regulations.	compliance with local regulations.	

	STOT RE 1 (cristobalite fine fraction > 10%)	STOT RE 2 (1% < cristobalite fine fraction < 10%)
	TOTAL TOTAL DESIGNATION TO THE TRANSPORT TO THE TOTAL	Constitution   Cons
	Packaging	Packaging
		Dust formation from residues in packaging should be avoided and suitable
	worker protection assured. Store used packaging in enclosed	worker protection assured. Store used packaging in enclosed receptacles.
	receptacles.	
	Recycling and disposal of packaging should be carried out in compliance	Recycling and disposal of packaging should be carried out in compliance with
	with local regulations.	local regulations.
Section 14.	TRANSPORT INFORMATION	TRANSPORT INFORMATION
Section 14.	14.1. UN Number	14.1. UN Number
	not relevant	not relevant
	14.2. UN proper shipping name	14.2. UN proper shipping name
	not relevant	not relevant
	14.3. Transport hazard classes	14.3. Transport hazard classes
	ADR: Not classified	ADR: Not classified
	IMDG: Not classified	IMDG: Not classified
	2	
	ICAO/IATA: Not classified	ICAO/IATA: Not classified
	RID: Not classified	RID: Not classified
	14.4. Packing group	14.4. Packing group
	not applicable	not applicable
	14.5. Environmental hazards	14.5. Environmental hazards
	not relevant	not relevant
	14.6. Special precautions for user	14.6. Special precautions for user
	no special precautions	no special precautions
	14.7. Transport in bulk according to Annex II of MARPOL73/78 and	14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC
	the IBC Code	Code
	not relevant	not relevant
Section 15.	REGULATORY INFORMATION	REGULATORY INFORMATION
15.1.	Safety, health and environmental regulations/legislation specific for	Safety, health and environmental regulations/legislation specific for the
	the substance or mixture	substance or mixture
	National legislation/requirements:	National legislation/requirements:
	To be completed by the company.	To be completed by the company.
	Water Hazard Classification (Germany)	Water Hazard Classification (Germany)
	NWG	NWG
	International legislation/requirements:	International legislation/requirements:
	To be completed by the company.	To be completed by the company.
15.2.	Chemical safety assessment	Chemical safety assessment
	Exempted from REACH Registration in accordance with Annex V.7. of	Exempted from REACH Registration in accordance with Annex V.7. of
	Regulation (EC) 1907/2006.	Regulation (EC) 1907/2006.
16.	OTHER INFORMATION	OTHER INFORMATION
_ <del>**</del>	Data are based on our latest knowledge but do not constitute a guarantee	Data are based on our latest knowledge but do not constitute a guarantee for
	for any specific product features and do not establish a legally valid	any specific product features and do not establish a legally valid contractual
	contractual relationship.	relationship.
	Revision	Revision
	Most of the 16 Sections have been updated and formatted according to	Most of the 16 Sections have been updated and formatted according to the
	the revised ECHA Guidance on the compilation of safety data sheets	revised ECHA Guidance on the compilation of safety data sheets (version 3.0. or
	(version 3.0. of August 2015). Therefore, this SDS has been completely	August 2015). Therefore, this SDS has been completely redrafted and replaced
	redrafted and replaced the former SDS (version xxx) supplied.	the former SDS (version xxx) supplied.

	STOT RE 1 (cristobalite fine fraction ≥ 10%)	STOT RE 2 (1% < cristobalite fine fraction < 10%)
	Abbreviations	Abbreviations
	LD50: Medial lethal dose	LD50: Medial lethal dose
	PBT: Persistent bioaccumulative toxic	PBT: Persistent bioaccumulative toxic
	STOT: Specific Target Organ Toxicity	STOT: Specific Target Organ Toxicity
	vPvB: Very persistent very bioaccumulative	vPvB: Very persistent very bioaccumulative
	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.
	Other relevant information	Other relevant information
	In 1997, IARC (the International Agency for Research on Cancer)	In 1997, IARC (the International Agency for Research on Cancer) concluded that
	concluded that crystalline silica inhaled from occupational sources can	crystalline silica inhaled from occupational sources can cause lung cancer in
	cause lung cancer in humans (human carcinogen category 1). However it	humans (human carcinogen category 1). However it pointed out that not all
	pointed out that not all industrial circumstances, nor all crystalline silica	industrial circumstances, nor all crystalline silica types, were to be incriminated.
	types, were to be incriminated. (IARC Monographs on the evaluation of	(IARC Monographs on the evaluation of the carcinogenic risks of chemicals to
	the carcinogenic risks of chemicals to humans, Silica, silicates dust and	humans, Silica, silicates dust and organic fibres, 1997, Vol. 68, IARC, Lyon,
-	organic fibres 1997 Vol. 68 IARC I von France ) In 2009, in the Monographs 100 series, IARC confirmed its classification	France In 2009, in the Monographs 100 series, IARC confirmed its classification of Silica
	of Silica Dust, Crystalline, in the form of Quartz and Cristobalite (IARC	Dust, Crystalline, in the form of Quartz and Cristobalite (IARC Monographs,
	Monographs, Volume 100C, 2012).	Volume 100C, 2012).
	In June 2003, <b>SCOEL</b> (the EU Scientific Committee on Occupational	In June 2003, <b>SCOEL</b> (the EU Scientific Committee on Occupational Exposure
	Exposure Limits) concluded that the main effect in humans of the	Limits) concluded that the main effect in humans of the inhalation of respirable
	1	crystalline silica dust is silicosis. "There is sufficient information to conclude that
	information to conclude that the relative risk of lung cancer is increased in	the relative risk of lung cancer is increased in persons with silicosis (and,
	persons with silicosis (and, apparently, not in employees without silicosis	apparently, not in employees without silicosis exposed to silica dust in quarries
	exposed to silica dust in guarries and in the ceramic industry). Therefore	and in the ceramic industry). Therefore preventing the onset of silicosis will also
	preventing the onset of silicosis will also reduce the cancer risk"	reduce the cancer risk" (SCOEL SUM Doc 94-final, June 2003).
	(SCOEL SLIM 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	through the Good Handling and Use of Crystalline Silica and Products
	Containing it was signed on 25 April 2006. This autonomous agreement,	Containing it was signed on 25 April 2006. This autonomous agreement, which
	,	received the European Commission's financial support, is based on a Good
	a Good Practices Guide. The requirements of the Agreement came into force on 25 October 2006. The Agreement was published in the Official	Practices Guide. The requirements of the Agreement came into force on 25 October 2006. The Agreement was published in the Official Journal of the
	Journal of the European Union (2006/C 279/02). The text of the	European Union (2006/C 279/02). The text of the Agreement and its annexes,
	Agreement and its annexes, including the Good Practices Guide, are	including the Good Practices Guide, are available from <a href="http://www.nepsi.eu">http://www.nepsi.eu</a>
	available from <a href="http://www.nepsi.eu">http://www.nepsi.eu</a> and provide useful information for the	and provide useful information and guidance for the handling of products
	handling of products containing crystalline silica (fine fraction). Literature	containing respirable crystalline silica. Literature references are available on
	references are available on request from EUROSIL, the European	request from EUROSIL, the European Association of Industrial Silica Producers,
	Aggregation of Industrial Cilian Dradusers	•
	Health & Safety Executive (specific for UK): Detailed reviews of the	Health & Safety Executive (specific for UK): Detailed reviews of the scientific
	scientific evidence on the health effects of crystalline silica have been	evidence on the health effects of crystalline silica have been published by HSE
	published by HSE (Health and Safety Executive, UK) in the Hazard	(Health and Safety Executive, UK) in the Hazard Assessment Documents
	Assessment Documents EH75/4 (2002) and EH75/5 (2003). The HSE	EH75/4 (2002) and EH75/5 (2003). The HSE points out on its website that
	points out on its website that "Workers exposed to fine dust containing quartz are at risk of developing a chronic and possibly severely disabling	"Workers exposed to fine dust containing quartz are at risk of developing a
	lung disease known as "silicosis". In addition to silicosis, there is now	chronic and possibly severely disabling lung disease known as "silicosis". In
	evidence that heavy and prolonged workplace exposure to dust	addition to silicosis, there is now evidence that heavy and prolonged workplace
	containing crystalline silica can lead to an increased risk of lung cancer.	exposure to dust containing crystalline silica can lead to an increased risk of lung
	The evidence suggests that an increased risk of lung cancer is likely to	cancer. The evidence suggests that an increased risk of lung cancer is likely to
	occur only in those workers who have developed cilicosis "	occur only in those workers who have developed silicosis."

STOT RE 1 (cristobalite fine fraction ≥ 10%)	STOT RE 2 (1% < cristobalite fine fraction < 10%)
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 quarantee of technical performance, suitability for particular.	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

Without classification (cristobalite fine fraction < 1%) Safety Data Sheet (in compliance with Regulation (EC) 1907/2006 and Regulation (EC) 1272/2008) and Regulation (EC) 453/2010) **CRISTOBALITE SAND** Version Revision date: June 2015 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING Product identifier Substance name ilica sand, crystalline silica, silicon dioxide Chemical name and formula SiO2 Trade names: **EINECS:** 238-455-4 CAS: 14464-46-1 REACH Registr. n°: Exempted in accordance with Annex V.7. Relevant identified uses of the substance or mixture and uses Main applications of cristobalite flour - non-exhaustive list: paint, ceramics, glass fibre, adhesives, plastics, rubber sealants, special Uses advised against No use identified in Section 1.2. is advised against Details of the supplier of the safety data sheet (entity within EU) Company name Address Phone N E-mail of competent person responsible for SDS in the Member State or in the EU: To be completed by the company Emergency telephone number

National centre for Prevention and Treatment of Intoxications No:

Without classification (cristobalite fine fraction < 1%)
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
To be completed by the company
Available outside office hours?
Yes / No
Other information (e.g. language of the phone service)
To be completed by the company
HAZARD IDENTIFICATION
Classification of the substance or mixture
Classification according to Regulation EC 1272/2008:
No classification
Label elements
Labelling according to Regulation EC 1272/2008:
No classification
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
No other hazard identified
COMPOSITION / INFORMATION ON INGREDIENTS
Main constituent
Cristobalite sand
Amount:
approx. 99 %
EINECS:
238-455-4
CAS:
14464-46-1
Impurities
None

Without classification	(cristobalite i	fine fract	tion < 1%)

#### FIRST AID MEASURES

#### Description of first aid measures

#### Following eye contact:

Rinse with copious quantities of water and seek medical attention if irritation persists

#### Following inhalation:

Movement of the exposed individual from the area to fresh air is recommended.

# Most important symptoms and effects both acute and delayed

No acute and delayed symptoms and effects are observed

# Indication of any immediate medical attention and special treatment needed

No specific actions are required

#### FIRE-FIGHTING MEASURES

# Extinguishing media

Suitable extinguishing media

No specific extinguishing media is needed

Unsuitable extinguishing media

No restriction on the extinguishing media to be used

# Special hazards arising from the substance or mixture

Non combustible. No hazardous thermal decomposition.

# Advice for firefighters

No specific fire-fighting protection is required.

# ACCIDENTAL RELEASE MEASURES

# 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.

#### Environmental precautions

No special requirements.

#### 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.

## Reference to other sections

See sections 8 and 13

# HANDLING AND STORAGE

# Precautions for safe handling

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.

# 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.

## Conditions for safe storage, including any incompatibilities

# 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.

# 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.

#### **EXPOSURE CONTROLS / PERSONAL PROTECTION**

#### Control parameters

Follow workplace regulatory exposure limits for all types of airborne dust (e.g. total dust, respirable dust, respirable crystalline silica dust).

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).

### Exposure 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. Bemove and wash soiled clothing

# Individual protection measures, such as personal protective equipment:

# Eye protection

Wear safety glasses with side-shields in circumstances where there is a risk of penetrative eye injuries.

# Skin protection

No specific requirement. For hands, see below.

# 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.

#### 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.

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.

#### Environmental exposure controls

Avoid wind dispersal.

# PHYSICAL AND CHEMICAL PROPERTIES

# Information on basic physical and chemical properties

Appearance

solid, granular, white

Odour

odourless

Odour threshold

not relevant

pH (400 g/l water at 20 ℃)

9

Melting point

1718 ℃

Initial boiling point and boiling range:

between 2230 °C and 2590 °C

# Flash point:

Not applicable (solid with a melting point >1610 ℃)

# Evaporation rate:

Not applicable (solid with a melting point >1610 ℃)

# Flammability:

Non flammable (not combustible)

#### Explosive limits:

Non explosive (absence of chemical groups associated with explosive properties)

#### Vapour pressure:

Not applicable (solid with a melting point >1610 °C)

# Vapour density:

Not applicable

Density

2.35 g/cm<sup>3</sup>

Grain shape

angular

Solubility in water

negligible

Solubility in hydrofluoric acid

ves

Partition coefficient: n-octanol/water:

Not applicable (inorganic substance)

#### Auto-ignition temperature:

No self-heating below 400 °C (solid with melting point >1610 °C)

#### Decomposition temperature:

ca. 2000 ℃

#### Viscosity:

Not applicable (solid with a melting point >1610 °C)

# Explosive properties:

Non explosive (absence of chemical groups associated with explosive properties)

# Oxidising properties:

Not applicable (substance is incapable of reacting exothermically with a combustible material)

# Other information

No other information

# STABILITY AND REACTIVITY

#### Reactivity

Inert, not reactive

# Chemical stability

Chemically stable

#### Possibility of hazardous reactions

No hazardous reactions

### Conditions to avoid

not relevant

#### Incompatible materials

no particular incompatibility

#### Hazardous decomposition products

not relevant

# TOXICOLOGICAL INFORMATION

# Information on toxicological effects

# Information on toxicological effects

# (a) Acute toxicity;

The acute oral/dermal LD50 of quartz and cristobalite is greater than 2000 mg/kg.

#### 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.

# (b) skin corrosion/irritation;

Cristobalite (coarse sand and milled) is not irritating to skin (OECD TG 404).

# (c) serious eye damage/irritation;

Cristobalite (coarse sand and milled) is not irritating to eye (OECD TG 405).

(d) respiratory or skin sensitisation;

No evidence of skin sensitisation in handbook data.

(e) germ cell mutagenicity;

Cristobalite has a genotoxic and mutagenic effect mainly through its inflammatory effects. Respirable cristobalite was unable to cause increased HPRT mutations in rat lung epithelial cells in vitro.

(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.

(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.

(h) STOT-single exposure

Studies available; inconclusive

(i) STOT-repeated exposure

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 silicacontaining 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).

(j) aspiration hazard.

No aspiration hazard envisaged

### **ECOLOGICAL INFORMATION**

Toxicity

not relevant

Persistence and degradability

not relevant

Bioaccumulative potential

not relevant (Some organisms accumulate Si(OH)4)

Mobility in soil

negligible

Results of PBT and vPvB assessment

not relevant

Other adverse effects

No specific adverse effects known.

# DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues / unused products

Where possible, recycling is preferable to disposal. Can be disposed of in compliance with local regulations.

#### Packaging

Dust formation from residues in packaging should be avoided and suitable worker protection assured. Store used packaging in enclosed recentacles.

Recycling and disposal of packaging should be carried out in compliance with local regulations.

#### TRANSPORT INFORMATION

#### 14.1. UN Number

not relevant

# 14.2. UN proper shipping name

not relevant

# 14.3. Transport hazard classes

ADR: Not classified

IMDG: Not classified

ICAO/IATA: Not classified

RID: Not classified

# 14.4. Packing group

### not applicable

### 14.5. Environmental hazards

not relevant

#### 14.6. Special precautions for user

no special precautions

# 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

not relevant

#### REGULATORY INFORMATION

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

#### National legislation/requirements:

To be completed by the company

Water Hazard Classification (Germany)

NWG

# International legislation/requirements:

To be completed by the company.

# Chemical safety assessment

Exempted from REACH Registration in accordance with Annex V.7. of Regulation (EC) 1907/2006.

#### 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.

### Revision

Most of the 16 Sections have been updated and formatted according to the revised ECHA Guidance on the compilation of safety data sheets (version 3.0. of August 2015). Therefore, this SDS has been completely redrafted and replaced the former SDS (version xxx) supplied.

#### Abbreviations

LD50: Medial lethal dose

PBT: Persistent bioaccumulative toxic

STOT: Specific Target Organ Toxicity

vPvB: Very persistent very bioaccumulative

#### Relevant H-statements

Not applicable

#### 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 2009, in the Monographs 100 series, IARC confirmed its classification

In 2009, in the Monographs 100 series, IAHC 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 " (SCOFL 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 <a href="http://www.nepsi.eu">http://www.nepsi.eu</a> and provide useful information and guidance for the handling of products containing respirable crystalline silica, Literature references are available on request from EUROSIL, the

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

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END OF THE SAFETY DATA SHEET