



	STOT RE 1 (quartz respirable ≥ 10 %)	STOT RE 2 (1% < quartz respirable < 10 %)	Without classification (quartz respirable < 1 %)	No quartz respirable
	Company Name	Company Name	Company Name	Company Name
	Safety Data Sheet (in compliance with Regulation (EC) 1907/2006 and Regulation (EC) 1272/2008) and Regulation (EC) 453/2010)	Safety Data Sheet (in compliance with Regulation (EC) 1907/2006 and Regulation (EC) 1272/2008) and Regulation (EC) 453/2010)	Safety Data Sheet (in compliance with Regulation (EC) 1907/2006 and Regulation (EC) 1272/2008) and Regulation (EC) 453/2010)	Safety Data Sheet (in compliance with Regulation (EC) 1907/2006 and Regulation (EC) 1272/2008) and Regulation (EC) 453/2010)
	QUARTZ	QUARTZ	QUARTZ	QUARTZ
	Version xxx	Version xxx	Version xxx	Version xxx
	Revision date: January 2010	Revision date: January 2010	Revision date: January 2010	Revision date: January 2010
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	IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING
1.1.	Product identifier Quartz*	Product identifier Quartz*	Product identifier Quartz*	Product identifier Quartz*
	REACH Registr. n°: Exempted in accordance with Annex V.7	REACH Registr. n°: Exempted in accordance with Annex V.7	REACH Registr. n°: Exempted in accordance with Annex V.7	REACH Registr. n°: Exempted in accordance with Annex V.7
	Synonyms: Silica flour, crystalline silica flour, silicon dioxide flour, Quartz sand, Quartzite	Synonyms: Silica xxx, crystalline silica xxx, silicon dioxide xxx, Quartz sand, Quartzite	Synonyms: Silica sand, crystalline silica sand, silicon dioxide, Quartz sand, Quartzite	Synonyms: Quartz sand, Quartzite
	Trade names: To be completed by the company tradename as on the label	Trade names: To be completed by the company tradename as on the label	Trade names: To be completed by the company tradename as on the label	Trade names: To be completed by the company tradename as on the label
1.2.	Relevant identified uses of the substance or mixture 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	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.	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.
1.3.	Details of the supplier of the safety data sheet [entity within EU]	Details of the supplier of the safety data sheet [entity within EU]	Details of the supplier of the safety data sheet [entity within EU]	Details of the supplier of the safety data sheet [entity within EU]
	Company name	Company name	Company name	Company name
	Address	Address	Address	Address
	Phone N°	Phone N°	Phone N°	Phone N°
	Fax N°	Fax N°	Fax N°	Fax N°
	E-mail of responsible person for SDS: [in addition contact information for person in specific MS if available]	E-mail of responsible person for SDS: [in addition contact information for person in specific MS if available]	E-mail of responsible person for SDS: [in addition contact information for person in specific MS if available]	E-mail of responsible person for SDS: [in addition contact information for person in specific MS if available]
1.4.	Emergency telephone number	Emergency telephone number	Emergency telephone number	Emergency telephone number
	Emergency telephone number : Available outside office hours? Yes / No [Telephone number of official national advisory body, if its exists, shall be given and can suffice]	Emergency telephone number : Available outside office hours? Yes / No [Telephone number of official national advisory body, if its exists, shall be given and can suffice]	Emergency telephone number : Available outside office hours? Yes / No [Telephone number of official national advisory body, if its exists, shall be given and can suffice]	Emergency telephone number : Available outside office hours? Yes / No [Telephone number of official national advisory body, if its exists, shall be given and can suffice]
2	HAZARD IDENTIFICATION	HAZARD 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	Classification of the substance or mixture

	This product contains respirable quartz as an impurity and therefore is classified as STOT RE 1 according to criteria defined in the Regulation EC 1272/2008 and harmful according to criteria defined in Directive 67/548/EC due to the potential for generation of airborne respirable crystalline silica.	This product contains respirable quartz as an impurity and therefore is classified as STOT RE 2 according to criteria defined in the Regulation EC 1272/2008 and does not meet the criteria for classification as harmful according to Directive 67/548/EC.	This product does not meet the criteria for classification as hazardous as defined in the Regulation EC 1272/2008 and in Directive 67/548/EC.	This product does not meet the criteria for classification as hazardous as defined in the Regulation EC 1272/2008 and in Directive 67/548/EC.
	Depending on the type of handling and use (e.g. grinding, drying), airborne respirable crystalline silica may be generated. Prolonged and/or massive inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly referred to as silicosis. Principal symptoms of silicosis are cough and breathlessness. Occupational exposure to respirable crystalline silica dust should be monitored and controlled.	Depending on the type of handling and use (e.g. grinding, drying), airborne respirable crystalline silica may be generated. Prolonged and/or massive inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly referred to as silicosis. Principal symptoms of silicosis are cough and breathlessness. Occupational exposure to respirable crystalline silica dust should be monitored and controlled.	Depending on the type of handling and use (e.g. grinding, drying), airborne respirable crystalline silica may be generated. Prolonged and/or massive inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly referred to as silicosis. Principal symptoms of silicosis are cough and breathlessness. Occupational exposure to respirable crystalline silica dust should be monitored and controlled.	Depending on the type of handling and use, airborne dust may be generated. Occupational exposure to dust should be monitored and controlled.
	This product should be handled with care to avoid dust generation.	This product should be handled with care to avoid dust generation.	This product should be handled with care to avoid dust generation.	This product should be handled with care to avoid dust generation.
	Classification EU (67/548/EC) :	Classification EU (67/548/EC) :	Classification EU (67/548/EC) :	Classification EU (67/548/EC) :
	Xn (Harmful), R48/20 (danger of serious damage to health by prolonged exposure through inhalation)	No classification	No classification	No classification
	Regulation EC 1272/2008:	Regulation EC 1272/2008:	Regulation EC 1272/2008:	Regulation EC 1272/2008:
	STOT RE 1	STOT RE 2	No classification	No classification
	This product contains more than 10% quartz (respirable)	This product contains quartz (respirable) between 1 and 10%	This product contains less than 1% quartz (respirable)	
<b>2.2.</b>	<b>Label elements</b>	<b>Label elements</b>	<b>Label elements</b>	<b>Label elements</b>
	<b>Hazard pictogram:</b>	<b>Hazard pictogram:</b>	<b>No classification</b>	<b>No classification</b>
				
	<b>Signal Word:</b>	<b>Signal Word:</b>		
	DANGER	WARNING		
	<b>Hazard statement:</b>	<b>Hazard statement:</b>		
	H 372, causes damage to lung through prolonged or repeated inhalation.	H 373, may cause damage to lung through prolonged or repeated inhalation.		
	<b>Precautionary statements:</b>	<b>Precautionary statements:</b>		
	P260: do not breathe dust	P260: do not breathe dust		
	P285: In case of inadequate ventilation wear respiratory protection.	P285: In case of inadequate ventilation wear respiratory protection.		
	P501: Dispose of contents/containers in accordance with local regulation	P501: Dispose of contents/containers in accordance with local regulation		
<b>2.3.</b>	<b>Other hazards</b>	<b>Other hazards</b>	<b>Other hazards</b>	<b>Other hazards</b>
	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	This product is an inorganic substance and does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH
<b>3.</b>	<b>COMPOSITION / INFORMATION ON INGREDIENTS</b>	<b>COMPOSITION / INFORMATION ON INGREDIENTS</b>	<b>COMPOSITION / INFORMATION ON INGREDIENTS</b>	<b>COMPOSITION / INFORMATION ON INGREDIENTS</b>
	<b>Main constituent:</b>	<b>Main constituent:</b>	<b>Main constituent:</b>	<b>Main constituent:</b>
	Name:	Name:	Name:	Name:
	Quartz	Quartz	Quartz	Quartz
	Amount:	Amount:	Amount:	Amount:
	SiO2 > 98 %	SiO2 > 98 %	SiO2 > 98 %	SiO2 > 98 %
	EINECS:	EINECS:	EINECS:	EINECS:
	238-878-4	238-878-4	238-878-4	238-878-4
	CAS:	CAS:	CAS:	CAS:

	14808-60-7	14808-60-7	14808-60-7	14808-60-7
	<b>Impurities</b>	<b>Impurities</b>	<b>Impurities</b>	<b>Impurities</b>
	Contains more than 10% of quartz (respirable) which is classified as STOT RE 1	Contains between 1% and 10% of quartz (respirable) which is classified as STOT RE 1	/	/
4.	<b>FIRST AID MEASURES</b>	<b>FIRST AID MEASURES</b>	<b>FIRST AID MEASURES</b>	<b>FIRST AID MEASURES</b>
4.1.	<b>Description of first aid measures</b>	<b>Description of first aid measures</b>	<b>Description of first aid measures</b>	<b>Description of first aid measures</b>
	<b>Eye contact:</b>	<b>Eye contact:</b>	<b>Eye contact:</b>	<b>Eye contact:</b>
	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	Rinse with copious quantities of water and seek medical attention if irritation persists
	<b>Inhalation:</b>	<b>Inhalation:</b>	<b>Inhalation:</b>	<b>Inhalation:</b>
	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.	Movement of the exposed individual from the area to fresh air is recommended.
4.2.	<b>Most important symptoms and effects both acute and delayed</b>	<b>Most important symptoms and effects both acute and delayed</b>	<b>Most important symptoms and effects both acute and delayed</b>	<b>Most important symptoms and effects both acute and delayed</b>
	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	No acute and delayed symptoms and effects are observed
4.3.	<b>Indication of any immediate medical attention and special treatment needed</b>	<b>Indication of any immediate medical attention and special treatment needed</b>	<b>Indication of any immediate medical attention and special treatment needed</b>	<b>Indication of any immediate medical attention and special treatment needed</b>
	No specific actions are required	No specific actions are required	No specific actions are required	No specific actions are required
5.	<b>FIRE-FIGHTING MEASURES</b>	<b>FIRE-FIGHTING MEASURES</b>	<b>FIRE-FIGHTING MEASURES</b>	<b>FIRE-FIGHTING MEASURES</b>
5.1.	<b>Extinguishing media</b>	<b>Extinguishing media</b>	<b>Extinguishing media</b>	<b>Extinguishing media</b>
	No specific extinguishing media is needed	No specific extinguishing media is needed	No specific extinguishing media is needed	No specific extinguishing media is needed
5.2.	<b>Special hazards arising from the substance or mixture</b>	<b>Special hazards arising from the substance or mixture</b>	<b>Special hazards arising from the substance or mixture</b>	<b>Special hazards arising from the substance or mixture</b>
	Non combustible. No hazardous thermal decomposition.	Non combustible. No hazardous thermal decomposition.	Non combustible. No hazardous thermal decomposition.	Non combustible. No hazardous thermal decomposition.
5.3.	<b>Advice for firefighters</b>	<b>Advice for firefighters</b>	<b>Advice for firefighters</b>	<b>Advice for firefighters</b>
	No specific fire-fighting protection is required.	No specific fire-fighting protection is required.	No specific fire-fighting protection is required.	No specific fire-fighting protection is required.
6.	<b>ACCIDENTAL RELEASE MEASURES</b>	<b>ACCIDENTAL RELEASE MEASURES</b>	<b>ACCIDENTAL RELEASE MEASURES</b>	<b>ACCIDENTAL RELEASE MEASURES</b>
6.1.	<b>Personal precautions, protective equipment and emergency procedures</b>	<b>Personal precautions, protective equipment and emergency procedures</b>	<b>Personal precautions, protective equipment and emergency procedures</b>	<b>Personal precautions, protective equipment and emergency procedures</b>
	Avoid airborne dust generation, wear personal protective equipment in compliance with national legislation.	Avoid airborne dust generation, wear personal protective equipment in compliance with national legislation.	Avoid airborne dust generation, wear personal protective equipment in compliance with national legislation.	Avoid airborne dust generation, wear personal protective equipment in compliance with national legislation.
6.2.	<b>Environmental precautions</b>	<b>Environmental precautions</b>	<b>Environmental precautions</b>	<b>Environmental precautions</b>
	No special requirements.	No special requirements.	No special requirements.	No special requirements.
6.3.	<b>Methods and material for containment and cleaning up</b>	<b>Methods and material for containment and cleaning up</b>	<b>Methods and material for containment and cleaning up</b>	<b>Methods and material for containment and cleaning up</b>
	Avoid dry sweeping and use water spraying or vacuum cleaning systems 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 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 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 to prevent airborne dust generation. Wear personal protective equipment in compliance with national legislation.
6.4.	<b>Reference for other sections</b>	<b>Reference for other sections</b>	<b>Reference for other sections</b>	<b>Reference for other sections</b>
	See sections 8 and 13	See sections 8 and 13	See sections 8 and 13	See sections 8 and 13
7.	<b>HANDLING AND STORAGE</b>	<b>HANDLING AND STORAGE</b>	<b>HANDLING AND STORAGE</b>	<b>HANDLING AND STORAGE</b>
7.1.	<b>Precautions for safe handling</b>	<b>Precautions for safe handling</b>	<b>Precautions for safe handling</b>	<b>Precautions for safe handling</b>
7.1.1.	Avoid airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. In case of insufficient ventilation, wear suitable 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. In case of insufficient ventilation, wear suitable 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. In case of insufficient ventilation, wear suitable 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. In case of insufficient ventilation, wear suitable respiratory protective equipment. Handle packaged products carefully to prevent accidental bursting. If you require advice on safe handling techniques, please contact your supplier.

7.1.2.	Do not to eat, drink and smoke in work areas; wash hands after use; remove contaminated clothing and protective equipment before entering eating areas.	Do not to eat, drink and smoke in work areas; wash hands after use; remove contaminated clothing and protective equipment before entering eating areas.	Do not to eat, drink and smoke in work areas; wash hands after use; remove contaminated clothing and protective equipment before entering eating areas.	Do not to eat, drink and smoke in work areas; wash hands after use; remove contaminated clothing and protective equipment before entering eating areas.
7.2.	<b>Conditions for safe storage, including any incompatibilities</b>	<b>Conditions for safe storage, including any incompatibilities</b>	<b>Conditions for safe storage, including any incompatibilities</b>	<b>Conditions for safe storage, including any incompatibilities</b>
	<b>Technical measures / Precautions</b>	<b>Technical measures / Precautions</b>	<b>Technical measures / Precautions</b>	<b>Technical measures / Precautions</b>
	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.	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.	<b>Specific end use(s)</b>	<b>Specific end use(s)</b>	<b>Specific end use(s)</b>	<b>Specific end use(s)</b>
	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.	If you require advice on specific uses, please contact your supplier.
8.	<b>EXPOSURE CONTROLS / PERSONAL PROTECTION</b>	<b>EXPOSURE CONTROLS / PERSONAL PROTECTION</b>	<b>EXPOSURE CONTROLS / PERSONAL PROTECTION</b>	<b>EXPOSURE CONTROLS / PERSONAL PROTECTION</b>
8.1.	<b>Control parameters</b>	<b>Control parameters</b>	<b>Control parameters</b>	<b>Control parameters</b>
	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).	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 <i>xxx</i> mg/m <sup>3</sup> in <i>country</i> , 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 <i>xxx</i> mg/m <sup>3</sup> in <i>country</i> , 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 <i>xxx</i> mg/m <sup>3</sup> in <i>country</i> , 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.	
8.2.	<b>Exposure controls</b>	<b>Exposure controls</b>	<b>Exposure controls</b>	<b>Exposure controls</b>
8.2.1.	<b>Appropriate engineering controls:</b>	<b>Appropriate engineering controls:</b>	<b>Appropriate engineering controls:</b>	<b>Appropriate engineering controls:</b>
	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.	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.	<b>Individual protection measures, such as personal protective equipment:</b>	<b>Individual protection measures, such as personal protective equipment:</b>	<b>Individual protection measures, such as personal protective equipment:</b>	<b>Individual protection measures, such as personal protective equipment:</b>
(a)	<b>Eye protection</b>	<b>Eye protection</b>	<b>Eye protection</b>	<b>Eye protection</b>
	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.	Wear safety glasses with side-shields in circumstances where there is a risk of penetrative eye injuries.
(b)	<b>Skin protection</b>	<b>Skin protection</b>	<b>Skin protection</b>	<b>Skin protection</b>
	No specific requirement. For hands, see below.	No specific requirement. For hands, see below.	No specific requirement. For hands, see below.	No specific requirement. For hands, see below.
	<b>Hand protection</b>	<b>Hand protection</b>	<b>Hand protection</b>	<b>Hand protection</b>
	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.	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.

c)	<b>Respiratory protection</b> In case of prolonged exposure to airborne dust concentrations, wear a respiratory protective equipment that complies with the requirements of European and national legislation.	<b>Respiratory protection</b> In case of prolonged exposure to airborne dust concentrations, wear a respiratory protective equipment that complies with the requirements of European and national legislation.	<b>Respiratory protection</b> In case of prolonged exposure to airborne dust concentrations, wear a respiratory protective equipment that complies with the requirements of European and national legislation.	<b>Respiratory protection</b> In case of prolonged exposure to airborne dust concentrations, wear a respiratory protective equipment that complies with the requirements of European and national legislation.
<b>8.2.3.</b>	<b>Environmental exposure controls</b> Avoid wind dispersal.	<b>Environmental exposure controls</b> Avoid wind dispersal.	<b>Environmental exposure controls</b> Avoid wind dispersal.	<b>Environmental exposure controls</b> Avoid wind dispersal.
<b>9.</b>	<b>PHYSICAL AND CHEMICAL PROPERTIES</b>	<b>PHYSICAL AND CHEMICAL PROPERTIES</b>	<b>PHYSICAL AND CHEMICAL PROPERTIES</b>	<b>PHYSICAL AND CHEMICAL PROPERTIES</b>
<b>9.1.</b>	<b>Information on basic physical and chemical properties</b>	<b>Information on basic physical and chemical properties</b>	<b>Information on basic physical and chemical properties</b>	<b>Information on basic physical and chemical properties</b>
	<i>Appearance</i> solid, xxx	<i>Appearance</i> solid, xxx	<i>Appearance</i> solid, xxx	<i>Appearance</i> solid, xxx
	<i>Odour</i> odourless	<i>Odour</i> odourless	<i>Odour</i> odourless	<i>Odour</i> odourless
	<i>Odour threshold:</i> not relevant	<i>Odour threshold:</i> not relevant	<i>Odour threshold:</i> not relevant	<i>Odour threshold:</i> not relevant
	<i>Color:</i> grayish / white	<i>Color:</i> grayish/white	<i>Color:</i> grayish/white	<i>Color:</i> grayish/white
	<i>pH (400 g/l water at 20°C)</i> 5 -- 8	<i>pH (400 g/l water at 20°C)</i> 5 -- 8	<i>pH (400 g/l water at 20°C)</i> 5 -- 8	<i>pH (400 g/l water at 20°C)</i> 5 -- 8
	<i>Melting point</i> > 1610°C	<i>Melting point</i> > 1610°C	<i>Melting point</i> > 1610°C	<i>Melting point</i> > 1610°C
	<i>Density</i> 2 -- 3 g/cm <sup>3</sup>	<i>Density</i> 2 -- 3 g/cm <sup>3</sup>	<i>Density</i> 2 -- 3 g/cm <sup>3</sup>	<i>Density</i> 2 -- 3 g/cm <sup>3</sup>
	<i>Grain shape</i> angular	<i>Grain shape</i> angular	<i>Grain shape</i> angular	<i>Grain shape</i> angular
	<i>Solubility in water</i> negligible	<i>Solubility in water</i> negligible	<i>Solubility in water</i> negligible	<i>Solubility in water</i> negligible
	<i>Solubility in hydrofluoric acid</i> yes	<i>Solubility in hydrofluoric acid</i> yes	<i>Solubility in hydrofluoric acid</i> yes	<i>Solubility in hydrofluoric acid</i> yes
<b>9.2.</b>	<b>Other information</b> No other information	<b>Other information</b> No other information	<b>Other information</b> No other information	<b>Other information</b> No other information
<b>10.</b>	<b>STABILITY AND REACTIVITY</b>	<b>STABILITY AND REACTIVITY</b>	<b>STABILITY AND REACTIVITY</b>	<b>STABILITY AND REACTIVITY</b>
<b>10.1.</b>	<b>Reactivity</b> Inert, not reactive	<b>Reactivity</b> Inert, not reactive	<b>Reactivity</b> Inert, not reactive	<b>Reactivity</b> Inert, not reactive
<b>10.2.</b>	<b>Chemical stability</b> Chemically stable	<b>Chemical stability</b> Chemically stable	<b>Chemical stability</b> Chemically stable	<b>Chemical stability</b> Chemically stable
<b>10.3.</b>	<b>Possibility of hazardous reactions</b> No hazardous reactions	<b>Possibility of hazardous reactions</b> No hazardous reactions	<b>Possibility of hazardous reactions</b> No hazardous reactions	<b>Possibility of hazardous reactions</b> No hazardous reactions
<b>10.4.</b>	<b>Conditions to avoid</b> not relevant	<b>Conditions to avoid</b> not relevant	<b>Conditions to avoid</b> not relevant	<b>Conditions to avoid</b> not relevant
<b>10.5.</b>	<b>Incompatible materials</b> no particular incompatibility	<b>Incompatible materials</b> no particular incompatibility	<b>Incompatible materials</b> no particular incompatibility	<b>Incompatible materials</b> no particular incompatibility
<b>10.6.</b>	<b>Hazardous decomposition products</b> not relevant	<b>Hazardous decomposition products</b> not relevant	<b>Hazardous decomposition products</b> not relevant	<b>Hazardous decomposition products</b> not relevant
<b>11.</b>	<b>TOXICOLOGICAL INFORMATION</b>	<b>TOXICOLOGICAL INFORMATION</b>	<b>TOXICOLOGICAL INFORMATION</b>	<b>TOXICOLOGICAL INFORMATION</b>
<b>11.1.</b>	<b>Information on toxicological effects</b>	<b>Information on toxicological effects</b>	<b>Information on toxicological effects</b>	<b>Information on toxicological effects</b>
	(a) acute toxicity; Based on available data, the classification criteria are not met	(a) acute toxicity; Based on available data, the classification criteria are not met	(a) acute toxicity; Based on available data, the classification criteria are not met	(a) acute toxicity; Based on available data, the classification criteria are not met
	(b) skin corrosion/irritation; Based on available data, the classification criteria are not met	(b) skin corrosion/irritation; Based on available data, the classification criteria are not met	(b) skin corrosion/irritation; Based on available data, the classification criteria are not met	(b) skin corrosion/irritation; Based on available data, the classification criteria are not met
	(c) serious eye damage/irritation; Based on available data, the classification criteria are not met	(c) serious eye damage/irritation; Based on available data, the classification criteria are not met	(c) serious eye damage/irritation; Based on available data, the classification criteria are not met	(c) serious eye damage/irritation; Based on available data, the classification criteria are not met
	(d) respiratory or skin sensitisation; Based on available data, the classification criteria are not met	(d) respiratory or skin sensitisation; Based on available data, the classification criteria are not met	(d) respiratory or skin sensitisation; Based on available data, the classification criteria are not met	(d) respiratory or skin sensitisation; Based on available data, the classification criteria are not met

	Based on available data, the classification criteria are not met	Based on available data, the classification criteria are not met	Based on available data, the classification criteria are not met	Based on available data, the classification criteria are not met
	<i>(e) germ cell mutagenicity;</i>	<i>(e) germ cell mutagenicity;</i>	<i>(e) germ cell mutagenicity;</i>	<i>(e) germ cell mutagenicity;</i>
	Based on available data, the classification criteria are not met	Based on available data, the classification criteria are not met	Based on available data, the classification criteria are not met	Based on available data, the classification criteria are not met
	<i>(f) carcinogenicity;</i>	<i>(f) carcinogenicity;</i>	<i>(f) carcinogenicity;</i>	<i>(f) carcinogenicity;</i>
	Based on available data, the classification criteria are not met	Based on available data, the classification criteria are not met	Based on available data, the classification criteria are not met	Based on available data, the classification criteria are not met
	<i>(g) reproductive toxicity;</i>	<i>(g) reproductive toxicity;</i>	<i>(g) reproductive toxicity;</i>	<i>(g) reproductive toxicity;</i>
	Based on available data, the classification criteria are not met	Based on available data, the classification criteria are not met	Based on available data, the classification criteria are not met	Based on available data, the classification criteria are not met
	<i>(h) STOT-single exposure</i>	<i>(h) STOT-single exposure</i>	<i>(h) STOT-single exposure</i>	<i>(h) STOT-single exposure</i>
	Based on available data, the classification criteria are not met	Based on available data, the classification criteria are not met	Based on available data, the classification criteria are not met	Based on available data, the classification criteria are not met
	<i>(i) STOT-repeated exposure</i>	<i>(i) STOT-repeated exposure</i>	<i>(i) STOT-repeated exposure</i>	<i>(i) STOT-repeated exposure</i>
	This product contains quartz (respirable) as an impurity and therefore is classified as STOT RE1 according to criteria defined in the Regulation EC 1272/2008	This product contains quartz (respirable) as an impurity and therefore is classified as STOT RE2 according to criteria defined in the Regulation EC 1272/2008	Based on available data, the classification criteria are not met	Based on available data, the classification criteria are not met
	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.		
	In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. However it pointed out that not all industrial circumstances, nor all crystalline silica types, were to be incriminated. <i>(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.)</i>	In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. However it pointed out that not all industrial circumstances, nor all crystalline silica types, were to be incriminated. <i>(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.)</i>		
	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..." <i>(SCOEL SUM Doc 94-final, June 2003).</i>	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..." <i>(SCOEL SUM Doc 94-final, June 2003).</i>		
	So 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).	So 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).		
	<i>(j) aspiration hazard.</i>	<i>(j) aspiration hazard.</i>	<i>(j) aspiration hazard.</i>	<i>(j) aspiration hazard.</i>
	Based on available data, the classification criteria are not met	Based on available data, the classification criteria are not met	Based on available data, the classification criteria are not met	Based on available data, the classification criteria are not met
<b>12.</b>	<b>ECOLOGICAL INFORMATION</b>	<b>ECOLOGICAL INFORMATION</b>	<b>ECOLOGICAL INFORMATION</b>	<b>ECOLOGICAL INFORMATION</b>
<b>12.1.</b>	<b>Toxicity</b>	<b>Toxicity</b>	<b>Toxicity</b>	<b>Toxicity</b>
	not relevant	not relevant	not relevant	not relevant
<b>12.2.</b>	<b>Persistence and degradability</b>	<b>Persistence and degradability</b>	<b>Persistence and degradability</b>	<b>Persistence and degradability</b>
	not relevant	not relevant	not relevant	not relevant
<b>12.3.</b>	<b>Bioaccumulative potential</b>	<b>Bioaccumulative potential</b>	<b>Bioaccumulative potential</b>	<b>Bioaccumulative potential</b>
	not relevant (Some organisms accumulate Si(OH) <sub>4</sub> )	not relevant (Some organisms accumulate Si(OH) <sub>4</sub> )	not relevant (Some organisms accumulate Si(OH) <sub>4</sub> )	not relevant (Some organisms accumulate Si(OH) <sub>4</sub> )
<b>12.4.</b>	<b>Mobility in soil</b>	<b>Mobility in soil</b>	<b>Mobility in soil</b>	<b>Mobility in soil</b>
	negligible	negligible	negligible	negligible
<b>12.5.</b>	<b>Results of PBT and vPvB assessment</b>	<b>Results of PBT and vPvB assessment</b>	<b>Results of PBT and vPvB assessment</b>	<b>Results of PBT and vPvB assessment</b>
	not relevant	not relevant	not relevant	not relevant

12.6.	<b>Other adverse effects</b>	<b>Other adverse effects</b>	<b>Other adverse effects</b>	<b>Other adverse effects</b>
	No specific adverse effects known.	No specific adverse effects known.	No specific adverse effects known.	No specific adverse effects known.
13.	<b>DISPOSAL CONSIDERATIONS</b>	<b>DISPOSAL CONSIDERATIONS</b>	<b>DISPOSAL CONSIDERATIONS</b>	<b>DISPOSAL CONSIDERATIONS</b>
13.1.	<b>Waste treatment methods</b>	<b>Waste treatment methods</b>	<b>Waste treatment methods</b>	<b>Waste treatment methods</b>
	<b>Waste from residues / unused products</b>	<b>Waste from residues / unused products</b>	<b>Waste from residues / unused products</b>	<b>Waste from residues / unused products</b>
	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.	Where possible, recycling is preferable to disposal. Can be disposed of in compliance with local regulations.
	<b>Packaging</b>	<b>Packaging</b>	<b>Packaging</b>	<b>Packaging</b>
	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.	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.	Recycling and disposal of packaging should be carried out in compliance with local regulations.
14.	<b>TRANSPORT INFORMATION</b>	<b>TRANSPORT INFORMATION</b>	<b>TRANSPORT INFORMATION</b>	<b>TRANSPORT INFORMATION</b>
	<b>14.1. UN Number</b>	<b>14.1. UN Number</b>	<b>14.1. UN Number</b>	<b>14.1. UN Number</b>
	not relevant	not relevant	not relevant	not relevant
	<b>14.2. UN proper shipping name</b>	<b>14.2. UN proper shipping name</b>	<b>14.2. UN proper shipping name</b>	<b>14.2. UN proper shipping name</b>
	not relevant	not relevant	not relevant	not relevant
	<b>14.3. Transport hazard classes</b>	<b>14.3. Transport hazard classes</b>	<b>14.3. Transport hazard classes</b>	<b>14.3. Transport hazard classes</b>
	ADR: Not classified	ADR: Not classified	ADR: Not classified	ADR: Not classified
	IMDG: Not classified	IMDG: Not classified	IMDG: Not classified	IMDG: Not classified
	ICAO/IATA: Not classified	ICAO/IATA: Not classified	ICAO/IATA: Not classified	ICAO/IATA: Not classified
	RID: Not classified	RID: Not classified	RID: Not classified	RID: Not classified
	<b>14.4. Packing group</b>	<b>14.4. Packing group</b>	<b>14.4. Packing group</b>	<b>14.4. Packing group</b>
	not applicable	not applicable	not applicable	not applicable
	<b>14.5. Environmental hazards</b>	<b>14.5. Environmental hazards</b>	<b>14.5. Environmental hazards</b>	<b>14.5. Environmental hazards</b>
	not relevant	not relevant	not relevant	not relevant
	<b>14.6. Special precautions for user</b>	<b>14.6. Special precautions for user</b>	<b>14.6. Special precautions for user</b>	<b>14.6. Special precautions for user</b>
	no special precautions	no special precautions	no special precautions	no special precautions
	<b>14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	<b>14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	<b>14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	<b>14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>
	not relevant	not relevant	not relevant	not relevant
15.	<b>REGULATORY INFORMATION</b>	<b>REGULATORY INFORMATION</b>	<b>REGULATORY INFORMATION</b>	<b>REGULATORY INFORMATION</b>
15.1.	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>
	<b>National legislation/requirements:</b>	<b>National legislation/requirements:</b>	<b>National legislation/requirements:</b>	<b>National legislation/requirements:</b>
	<a href="#">To be completed by the company.</a>	<a href="#">To be completed by the company.</a>	<a href="#">To be completed by the company.</a>	<a href="#">To be completed by the company.</a>
	Water Hazard Classification (Germany)	Water Hazard Classification (Germany)	Water Hazard Classification (Germany)	Water Hazard Classification (Germany)
	NWG	NWG	NWG	NWG
	<b>International legislation/requirements:</b>	<b>International legislation/requirements:</b>	<b>International legislation/requirements:</b>	<b>International legislation/requirements:</b>
	<a href="#">To be completed by the company.</a>	<a href="#">To be completed by the company.</a>	<a href="#">To be completed by the company.</a>	<a href="#">To be completed by the company.</a>
15.2.	<b>Chemical safety assessment</b>	<b>Chemical safety assessment</b>	<b>Chemical safety assessment</b>	<b>Chemical safety assessment</b>
	Exempted from REACH Registration in accordance with Annex V.7.	Exempted from REACH Registration in accordance with Annex V.7.	Exempted from REACH Registration in accordance with Annex V.7.	Exempted from REACH Registration in accordance with Annex V.7.
16.	<b>OTHER INFORMATION</b>	<b>OTHER INFORMATION</b>	<b>OTHER INFORMATION</b>	<b>OTHER INFORMATION</b>
	<b>Indication of the changes made to the previous version of the SDS</b>	<b>Indication of the changes made to the previous version of the SDS</b>	<b>Indication of the changes made to the previous version of the SDS</b>	<b>Indication of the changes made to the previous version of the SDS</b>
	<a href="#">To be completed by the company (if relevant).</a>	<a href="#">To be completed by the company (if relevant).</a>	<a href="#">To be completed by the company (if relevant).</a>	<a href="#">To be completed by the company (if relevant).</a>
	<b>Third party materials</b>	<b>Third party materials</b>	<b>Third party materials</b>	<b>Third party materials</b>

	Insofar as materials not manufactured or supplied by <i>company name</i> are used in conjunction with, or instead of <i>company name</i> materials, it is the responsibility of the customer himself to obtain, from the manufacturer or supplier, all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of <i>company name's product name</i> in conjunction with materials from another supplier.	Insofar as materials not manufactured or supplied by <i>company name</i> are used in conjunction with, or instead of <i>company name</i> materials, it is the responsibility of the customer himself to obtain, from the manufacturer or supplier, all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of <i>company name's product name</i> in conjunction with materials from another supplier.	Insofar as materials not manufactured or supplied by <i>company name</i> are used in conjunction with, or instead of <i>company name</i> materials, it is the responsibility of the customer himself to obtain, from the manufacturer or supplier, all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of <i>company name's product name</i> in conjunction with materials from another supplier.	Insofar as materials not manufactured or supplied by <i>company name</i> are used in conjunction with, or instead of <i>company name</i> materials, it is the responsibility of the customer himself to obtain, from the manufacturer or supplier, all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of <i>company name's product name</i> in conjunction with materials from another supplier.
	<b>Liability</b>	<b>Liability</b>	<b>Liability</b>	<b>Liability</b>
	Such information is to the best of <i>company name's</i> knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.	Such information is to the best of <i>company name's</i> knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.	Such information is to the best of <i>company name's</i> knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.	Such information is to the best of <i>company name's</i> knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.
	<b>Training</b>	<b>Training</b>	<b>Training</b>	<b>Training</b>
	Workers must be informed of the presence of crystalline silica and trained in the proper use and handling of this product as required under applicable regulations.	Workers must be informed of the presence of crystalline silica and trained in the proper use and handling of this product as required under applicable regulations.	Workers must be informed of the presence of crystalline silica and trained in the proper use and handling of this product as required under applicable regulations.	Workers must be trained in the proper use and handling of this product as required under applicable regulations.
	<b>Social Dialogue on Respirable Crystalline Silica</b>	<b>Social Dialogue on Respirable Crystalline Silica</b>	<b>Social Dialogue on Respirable Crystalline Silica</b>	<b>Social Dialogue on Respirable Crystalline Silica</b>
	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 receives 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 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 receives 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 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 receives 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 European Association of Industrial Silica Producers,	Prolonged and/or excessive exposure to respirable dust may cause mucous membrane and respiratory irritation and lung injury with symptoms of shortness of breath and reduced pulmonary function. Inhalation of dust may cause irritation of nose, throat and respiratory passages.
			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.	
			In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. 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 June 2003, <b>SCOEL</b> (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).	
			So 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).	
	<i>Health &amp; 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."</i>	<i>Health &amp; 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."</i>	<i>Health &amp; 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."</i>	
	<i>Only in case of publication by IMA: EUROSIL disclaimer: This SDS template has been assembled by EUROSIL on the basis of information and documentation supplied by EUROSIL Members. EUROSIL Members may wish to use the template as a guidance and basis for the creation of SDS for their products. EUROSIL cannot represent, warrant or guarantee the accuracy, reliability or completeness of this document to either EUROSIL Members or third parties. It is the user's responsibility to satisfy itself as to the suitability, correctness and completeness of such information for its purpose, and it is the manufacturer's, importer's and distributor's responsibility to provide accurate SDS for the silica sand products they market.</i>	<i>Only in case of publication by IMA: EUROSIL disclaimer: This SDS template has been assembled by EUROSIL on the basis of information and documentation supplied by EUROSIL Members. EUROSIL Members may wish to use the template as a guidance and basis for the creation of SDS for their products. EUROSIL cannot represent, warrant or guarantee the accuracy, reliability or completeness of this document to either EUROSIL Members or third parties. It is the user's responsibility to satisfy itself as to the suitability, correctness and completeness of such information for its purpose, and it is the manufacturer's, importer's and distributor's responsibility to provide accurate SDS for the silica sand products they market.</i>	<i>Only in case of publication by IMA: EUROSIL disclaimer: This SDS template has been assembled by EUROSIL on the basis of information and documentation supplied by EUROSIL Members. EUROSIL Members may wish to use the template as a guidance and basis for the creation of SDS for their products. EUROSIL cannot represent, warrant or guarantee the accuracy, reliability or completeness of this document to either EUROSIL Members or third parties. It is the user's responsibility to satisfy itself as to the suitability, correctness and completeness of such information for its purpose, and it is the manufacturer's, importer's and distributor's responsibility to provide accurate SDS for the silica sand products they market.</i>	<i>Only in case of publication by IMA: EUROSIL disclaimer: This SDS template has been assembled by EUROSIL on the basis of information and documentation supplied by EUROSIL Members. EUROSIL Members may wish to use the template as a guidance and basis for the creation of SDS for their products. EUROSIL cannot represent, warrant or guarantee the accuracy, reliability or completeness of this document to either EUROSIL Members or third parties. It is the user's responsibility to satisfy itself as to the suitability, correctness and completeness of such information for its purpose, and it is the manufacturer's, importer's and distributor's responsibility to provide accurate SDS for the silica sand products they market.</i>