

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product form : Substance
Substance name : MAX LEVEL FILLER

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Main use category : Industrial use
Use of the substance/mixture : Fillers
Function or use category : Fillers

1.2.2. Uses advised against

Restrictions on use : None

1.3. Details of the supplier of the safety data sheet

Sidec N.V.
Industrieweg 10
BE- 2490 Balen
BELGIE
T +32 14 81 50 01
safety@sidec.be - www.sidec.eu

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Belgium	Centre Anti-Poisons/Antigifcentrum , c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn 1 1120 Brussels	+32 70 245 245	All urgent questions about poisoning: 070 245 245 (free, 24/7), or if unreachable tel 02 264 96 30 (normal rate).

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Serious eye damage/eye irritation, Category 2 H319
Skin sensitisation, Category 1 H317
Specific target organ toxicity – Single exposure, Category 2 H371
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP) :



GHS07

GHS08

Signal word (CLP) : Warning

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Hazard statements (CLP)	: H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H371 - May cause damage to organs (lungs) (if inhaled).
Precautionary statements (CLP)	: P260 - Do not breathe dust. P264 - Wash hands thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective clothing, face protection. P302+P352 - IF ON SKIN: Wash with plenty of water.

2.3. Other hazards

Other hazards which do not result in classification : None under normal conditions.

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

Component	
Quartz (fine fraction) (14808-60-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Quartz (14808-60-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
dipropylene glycol diacrylate (57472-68-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Name : MAX LEVEL FILLER

Name	Product identifier	%
Quartz	CAS-No.: 14808-60-7 EC-No.: 238-878-4	> 62
Quartz (fine fraction)	CAS-No.: 14808-60-7 EC-No.: 238-878-4	1 – 40
dipropylene glycol diacrylate	CAS-No.: 57472-68-1 EC-No.: 260-754-3 REACH-no: 01-2119484629-21	0.5 – 1.5

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: No hazards which require special first aid measures.
First-aid measures after inhalation	: Move the affected person away from the contaminated area and into the fresh air.
First-aid measures after skin contact	: Not applicable.
First-aid measures after eye contact	: Rinse immediately with (lukewarm) water. If irritation persists, consult doctor/medical service.
First-aid measures after ingestion	: No specific first aid measures are required.

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

Symptoms/effects : No data available.

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

No supplementary information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : None to our knowledge. If there is a fire close by, use suitable extinguishing agents.
Unsuitable extinguishing media : No extinguishers to be avoided known.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Not flammable.
Hazardous decomposition products in case of fire : None.

5.3. Advice for firefighters

Protection during firefighting : Wear recommended personal protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid dust formation. Put on breathing apparatus.

6.1.1. For non-emergency personnel

Protective equipment : No additional information available.

6.1.2. For emergency responders

Protective equipment : No additional information available.

6.2. Environmental precautions

None.

6.3. Methods and material for containment and cleaning up

For containment : Solid spill: wet with water or cover with foam. Prevent dispersion by moistening spill with water or foam.

6.4. Reference to other sections

For further information refer to section 13. Concerning personal protective equipment to use, see section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep container tightly closed. Avoid dust formation. Careful handling and opening the packaging. Working under local exhaust ventilation.
Hygiene measures : Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed and dry. Keep container tightly closed.

7.3. Specific end use(s)

No supplementary information available.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Quartz (fine fraction) (14808-60-7)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	0.1 mg/m ³
Belgium - Occupational Exposure Limits	
OEL TWA	0.1 mg/m ³
France - Occupational Exposure Limits	
VME (OEL TWA)	0.1 mg/m ³
Netherlands - Occupational Exposure Limits	
TGG-8u (OEL TWA)	0.075 mg/m ³
TGG-8u (OEL TWA) [ppm]	0.03 ppm
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	0.1 mg/m ³
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	0.025 mg/m ³
Quartz (14808-60-7)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	0.1 mg/m ³
Belgium - Occupational Exposure Limits	
OEL TWA	0.1 mg/m ³
France - Occupational Exposure Limits	
VME (OEL TWA)	0.1 mg/m ³
Netherlands - Occupational Exposure Limits	
TGG-8u (OEL TWA)	0.075 mg/m ³ (for respirable dust; a legal limit value of 0.15 mg / m ³ applies to the construction industry)
TGG-8u (OEL TWA) [ppm]	0.03 ppm
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	0.1 mg/m ³
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	0.025 mg/m ³ (Respirable fraction)

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

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8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

No additional information available

8.2.3. Environmental exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: Grey.
Appearance	: Powder.
Odour	: odourless.
Odour threshold	: Not available
Melting point	: > 1610 °C
Freezing point	: Not available
Boiling point	: 2230 – 2590
Flammability	: Not available
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: ≈ 2000 °C
pH	: Not available
pH solution	: Not available
Viscosity, kinematic	: Not applicable
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: 2 – 3
Relative vapour density at 20°C	: Not applicable
Particle size	: Not available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Chemically inert substance.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal use.

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10.4. Conditions to avoid

No supplementary information available.

10.5. Incompatible materials

No supplementary information available.

10.6. Hazardous decomposition products

None under normal use.

SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

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LD50 oral rat > 2000

LD50 dermal rat > 2000

dipropylene glycol diacrylate (57472-68-1)

LD50 oral rat 3530 mg/kg

LD50 dermal rabbit > 2000

Skin corrosion/irritation : Not classified

Quartz (fine fraction) (14808-60-7)

pH 6 – 7

Quartz (14808-60-7)

pH 5 – 8

Serious eye damage/irritation : Causes serious eye irritation.

Quartz (fine fraction) (14808-60-7)

pH 6 – 7

Quartz (14808-60-7)

pH 5 – 8

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : May cause damage to organs (lungs) (if inhaled).

Quartz (fine fraction) (14808-60-7)

STOT-single exposure May cause damage to organs (lung/respiratory system) (if inhaled).

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

dipropylene glycol diacrylate (57472-68-1)

Viscosity, kinematic 9.321 mm²/s

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11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

Other information : No additional data

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

dipropylene glycol diacrylate (57472-68-1)

LC50 - Fish [1]	1 – 10 mg/l
EC50 - Crustacea [1]	10 – 100 mg/l
EC50 - Other aquatic organisms [1]	> 1000 mg/l
EC50 72h - Algae [1]	10 – 100 mg/l
ErC50 algae	2.2 mg/l

12.2. Persistence and degradability

Quartz (fine fraction) (14808-60-7)

Persistence and degradability : Biodegradability not applicable.

Quartz (14808-60-7)

Persistence and degradability : Not applicable.

dipropylene glycol diacrylate (57472-68-1)

Persistence and degradability : Readily biodegradable in water.

Biodegradation : > 70 (≥ 28) %

12.3. Bioaccumulative potential

Quartz (fine fraction) (14808-60-7)

Bioaccumulative potential : Bioaccumulation: not applicable.

Quartz (14808-60-7)

Bioaccumulative potential : No supplementary information available.

dipropylene glycol diacrylate (57472-68-1)

Partition coefficient n-octanol/water (Log Pow) : 2.28 (Experimental value, EU method A.8: Partition coefficient, 24 ° C)

Partition coefficient n-octanol/water (Log Kow) : 0.01 – 0.39

Bioaccumulative potential : Potential to bioaccumulate is low.

12.4. Mobility in soil

Quartz (fine fraction) (14808-60-7)

Ecology - soil : No (test) data available on substance mobility.

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Quartz (14808-60-7)	
Ecology - soil	Very little. Adsorption in soil.
dipropylene glycol diacrylate (57472-68-1)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1
Ecology - soil	Mobile.

12.5. Results of PBT and vPvB assessment

Component	
Quartz (fine fraction) (14808-60-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Quartz (14808-60-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
dipropylene glycol diacrylate (57472-68-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of waste or used sacks/containers according to local regulations.
Product/Packaging disposal recommendations : Do not re-use empty containers. Comply with applicable regulations for solid waste disposal.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number or ID number

UN-No. (ADR) : Not applicable
UN-No. (IMDG) : Not applicable
UN-No. (IATA) : Not applicable
UN-No. (ADN) : Not applicable
UN-No. (RID) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

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IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Not listed on REACH Annex XVII

REACH Annex XIV (Authorisation List)

Not listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Not listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Not listed on the PIC list (Regulation EU 649/2012)

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POP Regulation (Persistent Organic Pollutants)

Not listed on the POP list (Regulation EU 2019/1021)

Ozone Regulation (1005/2009)

Not listed on the Ozone Depletion list (Regulation EU 1005/2009)

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

Germany

- Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG).
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).
- Water hazard class (WGK) : Not classified according to Regulation Governing Systems for Handling Substances Hazardous to Waters (AwSV).
- Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

- SZW list of carcinogenic substances : The substance is not listed
- SZW list of mutagenic substances : The substance is not listed
- SZW list of reprotoxic substances - Breastfeeding : The substance is not listed
- SZW list of reprotoxic substances - Fertility : The substance is not listed
- SZW List of reprotoxic substances - Development : The substance is not listed

Denmark

- Danish National Regulations : Young people below the age of 18 years are not allowed to use the product
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

Switzerland

- Storage class (LK) : LK 6.1 - Toxic materials

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H371	May cause damage to organs.
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 2	Specific target organ toxicity – Single exposure, Category 2

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.