



SAFETY DATA SHEET ULTRA QUARTZ AGGREGATE

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name ULTRA QUARTZ AGGREGATE
Product No. 13550

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

Identified uses Aggregate

1.3. Details of the supplier of the safety data sheet

Supplier ITW DEVCON
 BAY 150
 SHANNON INDUSTRIAL ESTATE
 SHANNON
 CO CLARE
 IRELAND
 T: +353 (0)61471299
 F: 353(0)61471285
 info@itwippe.eu

1.4. Emergency telephone number

+44 (0) 1235 239670

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Xi;R37.

2.2. Label elements

Labelling



Irritant

Risk Phrases

R37 Irritating to respiratory system.

Safety Phrases

S51 Use only in well-ventilated areas.
S60 This material and its container must be disposed of as hazardous waste.

2.3. Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

ULTRA QUARTZ AGGREGATE

Crystalline Silica (Quartz)	60-100%
CAS-No.: 14808-60-7	EC No.: 231-545-4
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xi;R37.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information

In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

Inhalation

Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. Get medical attention if any discomfort continues.

Ingestion

DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention immediately!

Skin contact

Immediately remove contaminated clothing. Remove affected person from source of contamination. Wash the skin immediately with soap and water. Continue to rinse for at least 15 minutes. Rinse with water. Contact physician if discomfort continues.

Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.

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

General information

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

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

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Extinguish with foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Specific hazards

When heated and in case of fire, harmful vapours/gases may be formed.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Wear air-supplied mask in confined areas. Water spray should be used to cool containers.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

DO NOT TOUCH SPILLED MATERIAL! Do not breathe vapour. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Absorb spillage with suitable absorbent material. Transfer to a container for disposal. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

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6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Provide good ventilation. Do not breathe vapour. Avoid contact with skin and eyes. Eliminate all sources of ignition. Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Avoid exposure to high temperatures or direct sunlight. Avoid contact with acids and oxidising substances. Store in tightly closed original container in a dry and cool place. Keep containers tightly closed.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Ingredient Comments

No exposure limits noted for ingredient(s).

8.2. Exposure controls

Protective equipment



Process conditions

Provide eyewash, quick drench.

Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

If ventilation is insufficient, suitable respiratory protection must be provided.

Hand protection

Use suitable protective gloves if risk of skin contact.

Eye protection

Wear tight-fitting goggles or face shield.

Hygiene measures

Wash hands after contact. Wash at the end of each work shift and before eating, smoking and using the toilet.

Skin protection

Wear apron or protective clothing in case of splashes.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Crystalline powder.
Colour	Grey. Tan.
Odour	Almost odourless.
Initial boiling point and boiling range	>260
Vapour density (air=1)	>1
Vapour pressure	0.03 mm Hg 77
pH-Value, Diluted Solution	Neutral 5% Solution

9.2. Other information

Not available.

SECTION 10: STABILITY AND REACTIVITY

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10.1. Reactivity

Strong oxidising substances.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Not available.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials To Avoid

Strong mineral acids. Strong oxidising substances. Bases, alkalis (organic). Hydrogen fluoride (HF). Fluorine. Oxides of: Carbon. Aldehydes. Acids.

10.6. Hazardous decomposition products

In case of fire, toxic gases (CO, CO₂, NO_x) may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Inhalation

Unlikely to be hazardous by inhalation because of the low vapour pressure of the substance at ambient temperature.

Ingestion

Gastrointestinal symptoms, including upset stomach.

Skin contact

This substance is a moderate irritant. May cause sensitisation by skin contact.

Eye contact

This substance is a moderate irritant.

Route of entry

Skin and/or eye contact.

Name

Crystalline Silica (Quartz)

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Avoid releasing to the environment.

12.1. Toxicity

Acute Fish Toxicity

Not considered toxic to fish.

12.2. Persistence and degradability

Degradability

There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility:

Do not discharge into drains, water courses or onto the ground.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

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General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

Waste Class

08 04 99

SECTION 14: TRANSPORT INFORMATION

General The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

No information required.

14.2. UN proper shipping name

No information required.

14.3. Transport hazard class(es)

No information required.

14.4. Packing group

No information required.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

No information required.

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

No information required.

SECTION 15: REGULATORY INFORMATION

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

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Date	26/08/2011
Revision	3
Supersedes date	11/03/2011
Date	26/08/2011
Risk Phrases In Full	
R37	Irritating to respiratory system.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.