SAFETY DATA SHEET

Revision Date 26-May-2017
Version 1

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name Quarzputz® HDP
Product code 012738197

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

Recommended Use Restricted to professional users
Restrictions on use No information available

Uses advised against Not suitable for use in homeworker (DIY) applications

1.3 Details of the supplier of the safety data sheet

Supplier

Dryvit Systems, Inc
One Energy Way,
West Warwick, RI 02893
Phone Number: (401) 822-4100
Toll Free Number: (800) 556-7752

E-mail Address ehs@dryvit.com

1.4 Emergency telephone number

Emergency telephone number

Chemtrec: +1 703-527-3887 ex-USA
Chemtrec: 1-800-424-9300 USA

2. Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910.1200

Skin sensitization	Category 1
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1A

2.2 Label elements

Signal Word
Danger

Hazard Statements
May cause an allergic skin reaction

May cause genetic defects
May cause cancer

Precautionary Statements - Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace
Keep/Store away from clothing/ combustible materials

Precautionary Statements - Response
If exposed or concerned: Get medical advice/attention
IF ON SKIN: Wash with plenty of soap and water
If skin irritation or rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse

Precautionary Statements - Storage
Store in accordance with local regulations

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

2.3. Other Hazards Hazards not otherwise classified (HNOC)
Not Applicable

2.4 Other Information

Not Applicable

3. Composition/Information on Ingredients

Substance
Mixture

Chemical Name	CAS No.	Weight-%
Crystalline silica (Quartz) (Respirable)	14808-60-7	60 - 70%
Perlite	93763-70-3	0 - 10%
Calcium Metasilicate	13983-17-0	0 - 10%
Titanium dioxide	13463-67-7	0 - 10%
Ethylene oxide	75-21-8	0 - 10%
2-Propenoic acid (Acrylic Acid)	79-10-7	0 - 10%
Stoddard Solvent	8052-41-3	0 - 10%
Aluminium Hydroxide	21645-51-2	0 - 10%
Hexahydro-1,3,5-tris(hydroxyethyl)-s-triazine	4719-04-4	0 - 10%

*The specific chemical identity and/or exact percentage (concentration) of this composition has been witheld as a trade secret.

4. First aid measures

4.1 Description of first-aid measures

General advice	If symptoms persist, call a physician.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician if irritation develops or persists.
Skin contact	Immediate medical attention is not required. Call a physician if irritation develops or persists.
Inhalation	Immediate medical attention is not required. Get medical attention if symptoms occur. Call a physician if irritation develops or persists.
Ingestion	If swallowed, do not induce vomiting - seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician No information available.

5. Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media None.

5.2 Special hazards arising from the substance or mixture

Special Hazard
No information available.

Hazardous Combustion Products No information available.

Explosion Data
Sensitivity to Mechanical Impact No information available.
Sensitivity to Static Discharge No information available.

5.3 Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal protection needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the training and the expertise of employees in the area responding to the spill.

6.2 Environmental precautions

Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological information.

6.3 Methods and materials for containment and cleaning up

Methods for Containment Spills and leaks are not likely. Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions Keep in a dry, cool and well-ventilated place. Keep out of the reach of children. Store in accordance with local regulations. Keep from freezing.

Materials to Avoid Strong oxidizing agents. Strong acids. Strong bases.

8. Exposure controls/personal protection

8.1 Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	British Columbia	Alberta	Quebec	Ontario TWAEV
Crystalline silica (Quartz) (Respirable) 14808-60-7	TWA: 0.025 mg/m³ respirable fraction	: (30)/(%SiO2 + 2) mg/m³ TWA total dust : (250)/(%SiO2 + 5) mppcf TWA respirable fraction : (10)/(%SiO2 + 2) mg/m³ TWA respirable fraction	TWA: 0.025 mg/m³	TWA: 0.025 mg/m³	TWA: 0.1 mg/m³	TWA: 0.10 mg/m³
Perlite 93763-70-3	-	-	TWA: 10 mg/m³ TWA: 3 mg/m³			TWA: 10 mg/m³
Calcium Metasilicate 13983-17-0	-	-			TWA: 10 mg/m³ TWA: 5 mg/m³	
Titanium dioxide 13463-67-7	TWA: 10 mg/m³	TWA: 15 mg/m³ total dust	TWA: 10 mg/m³ TWA: 3 mg/m³	TWA: 10 mg/m³	TWA: 10 mg/m³	TWA: 10 mg/m³
Ethylene oxide 75-21-8	TWA: 1 ppm	TWA: 1 ppm STEL: 5 ppm see 29 CFR 1910.1047	TWA: 0.1 ppm STEL: 1 ppm Adverse reproductive effect	TWA: 1 ppm TWA: 1.8 mg/m³	TWA: 1 ppm TWA: 1.8 mg/m³	TWA: 1 ppm TWA: 1.8 mg/m³ STEL: 10 ppm STEL: 18 mg/m³
2-Propenoic acid (Acrylic Acid) 79-10-7	TWA: 2 ppm S*	-	TWA: 2 ppm Skin Adverse reproductive effect	TWA: 2 ppm TWA: 5.9 mg/m³ Skin	TWA: 2 ppm TWA: 5.9 mg/m³ Skin	TWA: 2 ppm Skin
Stoddard Solvent 8052-41-3	TWA: 100 ppm	TWA: 500 ppm TWA: 2900 mg/m³	TWA: 290 mg/m³ STEL: 580 mg/m³	TWA: 100 ppm TWA: 572 mg/m³	TWA: 100 ppm TWA: 525 mg/m³	TWA: 525 mg/m³
Aluminium Hydroxide 21645-51-2	TWA: 1 mg/m³ respirable fraction	-	TWA: 1.0 mg/m³			TWA: 1 mg/m³

8.2 Appropriate engineering controls

Engineering Measures Ensure adequate ventilation, especially in confined areas.

8.3 Individual protection measures, such as personal protective equipment

Eye/Face Protection If splashes are likely to occur, wear:. Tightly fitting safety goggles.

Skin and body protection Wear protective gloves/ protective clothing.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene measures See section 7 for more information

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid		
Appearance	Viscous liquid	**Color**	Off-white Gray or Colored liquid
Odor	Faint	**Odor Threshold**	No information available

Property	Values	Remarks • Methods
pH	>8	
Melting/freezing point		No information available
Boiling point/boiling range	> 100 °C	
Flash Point	no data available	No information available
Evaporation rate		
Flammability (solid, gas)		No information available
Flammability Limits in Air		
upper flammability limit		No information available
lower flammability limit		No information available
Vapor pressure		No information available
Vapor density		No information available
Specific Gravity	0.96 - 1.80 g/cc	
Water solubility	Soluble in water	
Solubility in other solvents		No information available
Partition coefficient		No information available
Autoignition temperature		
Decomposition temperature		
Viscosity, kinematic		No information available
Viscosity, dynamic		No information available
Explosive properties		No information available
Oxidizing Properties		No information available

9.2 Other information

Volatile organic compounds (VOC) content		Regulatory – 18.71 g/l
Density	8.0 - 15.0 lbs/gal	

10. Stability and Reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use

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10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to Avoid

Do not freeze. To avoid thermal decomposition, do not overheat.

10.5 Incompatible Materials

Strong oxidizing agents. Strong acids. Strong bases.

10.6 Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating gases and vapors.

11. Toxicological information

11.1 Acute toxicity

Numerical measures of toxicity: Product Information

The following values are calculated based on chapter 3.1 of the GHS document

mg/kg mg/l

Numerical measures of toxicity: Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Crystalline silica (Quartz) (Respirable) 14808-60-7	500 mg/kg (Rat)	-	-
Titanium dioxide 13463-67-7	10000 mg/kg (Rat)	-	-
Ethylene oxide 75-21-8	72 mg/kg (Rat)	-	= 800 ppm (Rat) 4 h
2-Propenoic acid (Acrylic Acid) 79-10-7	193 mg/kg (Rat)	= 295 mg/kg (Rabbit)	= 11.1 mg/L (Rat) 1 h = 3.6 mg/L (Rat) 4 h
Aluminium Hydroxide 21645-51-2	5000 mg/kg (Rat)	-	-

11.2 Information on toxicological effects

Skin corrosion/irritation
Product Information
• No information available
Component Information
• No information available

Serious eye damage/eye irritation
Product Information
• No information available
Component Information
• No information available

Respiratory or skin sensitization
Product Information
• May cause allergic skin reaction
Component Information
• No information available

Germ cell mutagenicity
Product Information
• Mutagenic
Component Information
• No information available

Carcinogenicity
Product Information
• The table below indicates whether each agency has listed any ingredient as a carcinogen
Component Information
•

Chemical Name	ACGIH	IARC	NTP	OSHA
Crystalline silica (Quartz) (Respirable) 14808-60-7	A2	Group 1	Known	
Titanium dioxide 13463-67-7	-	Group 2B	-	
Ethylene oxide 75-21-8	A2	Group 1 Group 2A	Known	

Reproductive toxicity
Product Information
• No information available
Component Information
• No information available

STOT - single exposure
No information available

STOT - repeated exposure
No information available

Other adverse effects
Product Information
• No information available
Component Information
• No information available

Aspiration hazard
Product Information
• No information available
Component Information
• No information available

12. Ecological information

12.1 Toxicity

Ecotoxicity No information available

Ecotoxicity effects

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Ethylene oxide 75-21-8	-	LC50: 96 h Pimephales promelas 73 - 96 mg/L	LC50: 48 h Daphnia magna 137 - 300 mg/L
2-Propenoic acid (Acrylic Acid) 79-10-7	EC50: 96 h Pseudokirchneriella subcapitata 0.17 mg/L EC50: 72 h Desmodesmus subspicatus 0.04 mg/L	LC50: 96 h Brachydanio rerio 222 mg/L semi-static	EC50: 48 h Daphnia magna 95 mg/L

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

Discharge into the environment must be avoided

Chemical Name	log Pow
Ethylene oxide 75-21-8	-0.3
2-Propenoic acid (Acrylic Acid) 79-10-7	0.46

12.4 Mobility in soil

No information available.

12.5 Other adverse effects

No information available

13. Disposal Considerations

13.1 Waste treatment methods

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. Transport Information

DOT	Not regulated
MEX	Not regulated
IMDG	Not regulated
IATA	Not regulated

15. Regulatory information

15.1 International Inventories

TSCA	-
DSL	-
EINECS/ELINCS	-
ENCS	-
IECSC	-
KECL	-
PICCS	-
AICS	-
NZIoC	-

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL - Canadian Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances **IECSC**
- China Inventory of Existing Chemical Substances **KECL** -
Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances
NZIoC - New Zealand Inventory of Chemicals

15.2 U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	SARA 313 - Threshold Values %	Weight-%
Ethylene oxide 75-21-8	0.1	< 1

15.3 Pesticide Information

Not applicable

15.4 U.S. State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical Name	California Prop. 65
Crystalline silica (Quartz) (Respirable) - 14808-60-7	Carcinogen
Titanium dioxide - 13463-67-7	Carcinogen
Ethylene oxide - 75-21-8	Carcinogen Developmental Female Reproductive Male Reproductive
ASHES (RESIDUES) - 68131-74-8	Carcinogen
N-(3,4-dichlorophenyl)-N,N-dimethylurea - 330-54-1	Carcinogen
Sulphuric acid - 7664-93-9	Carcinogen
Acetaldehyde - 75-07-0	Carcinogen
1,4-DIOXANE - 123-91-1	Carcinogen
Formaldehyde - 50-00-0	Carcinogen
ETHYL ACRYLATE - 140-88-5	Carcinogen

16. Other information

NFPA	Health Hazard 1	Flammability 0	Instability 0	Physical and chemical hazards *
HMIS	Health Hazard 1	Flammability 0	Physical Hazard 0	Personal protection B

Legend:

ACGIH (American Conference of Governmental Industrial Hygienists)
Ceiling (C)
DOT (Department of Transportation)
EPA (Environmental Protection Agency)
IARC (International Agency for Research on Cancer)
International Air Transport Association (IATA)
International Maritime Dangerous Goods (IMDG)
NIOSH (National Institute for Occupational Safety and Health)
NTP (National Toxicology Program)
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
PEL (Permissible Exposure Limit)
Reportable Quantity (RQ)
Skin designation (S*)
STEL (Short Term Exposure Limit)
TLV® (Threshold Limit Value)
TWA (time-weighted average)

Chronic Hazard Star Legend *Chronic Health Hazard*

Revision Date 26-May-2017

Revision Note

No information available

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet