



HUBER ENGINEERED MATERIALS

# Safety Data Sheet

## Hubercarb® Q325

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006  
COMMISSION REGULATION (EU) No. 2020/878

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product Name: Hubercarb® Q325

Pure substance/mixture Substance

Chemical Name	CAS Number	EC No	EU REACH registration number	(CLP) Regulation (EC 1272/2008)	Weight-%
Limestone	1317-65-3	215-279-6	Exempt	Not classified	97 - 100
Crystalline Silica, quartz (impurity)	14808-60-7	238-878-4	Exempt	Carcinogenicity category 1A Specific target organ toxicity (STOT) - repeated exposure, category 2 : Respiratory system	0.2 - 2

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

Recommended Use Filler Functional additive

Uses advised against None known.

#### 1.3. Details of the supplier of the safety data sheet

Company: J.M. Huber Corporation  
3100 Cumberland Boulevard, Suite 600  
Atlanta, GA 30339 USA  
Tel: +1 678 247-7300

Internet [www.hubermaterials.com](http://www.hubermaterials.com)

E-mail [hubermaterials@huber.com](mailto:hubermaterials@huber.com)

1.4. Emergency telephone number CHEMTREC: +1 800 424 9300 or International +1 703 527 3887

Poison control center phone number National Anti-Poison Center UK: +44 844 892 0111 (National Poisons Information Service)

### SECTION 2: Hazards identification

**2.1. Classification of the substance or mixture**

(CLP) Regulation (EC 1272/2008)

**Hazards identification****Physical Hazard**

Not classified

**Health Hazards**

Carcinogenicity category 1A Specific target organ toxicity (STOT) - repeated exposure, category 2 Lungs

**Environmental Hazard**

Not classified

**2.2. Label elements****Symbols/Pictograms****Signal Word**

Danger

**Hazard Statements**H350 - May cause cancer  
H373 - May cause damage to organs through prolonged or repeated exposure**Precautionary Statements****Prevention**P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P260 - Do not breathe dust  
P280 - Wear protective gloves/protective clothing/eye protection/face protection**Response**

P308 + P313 - IF exposed or concerned: Get medical advice/attention

**Storage**

P405 - Store locked up

**Disposal**

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

**Additional Information:**

Not applicable.

**2.3. Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients****3.1. Substance**

Substance

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Chemical Name	CAS Number	EC No	EU REACH registration number	(CLP) Regulation (EC 1272/2008)	Annex	Weight-%
Limestone	1317-65-3	215-279-6	Exempt	Not classified	--	97 - 100
Crystalline Silica, quartz (impurity)	14808-60-7	238-878-4	Exempt	Carcinogenicity category 1A Specific target organ toxicity (STOT) - repeated exposure, category 2 : Respiratory system	--	0.2 - 2

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>General Advice</b>	When in doubt or if symptoms are observed, get medical advice.
<b>Eye Contact</b>	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
<b>Skin Contact</b>	Wash with plenty of soap and water.
<b>Inhalation</b>	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
<b>Ingestion</b>	Rinse mouth thoroughly with water.
<b>Aspiration hazard</b>	Not an expected route of exposure.
<b>Notes to Physician</b>	Treat symptomatically.

**4.2. Most important symptoms and effects, both acute and delayed** Signs and symptoms may include coughing, gasping, choking and difficulty breathing.

**4.3. Indication of any immediate medical attention and special treatment needed** IF exposed or concerned: Get medical advice/attention. Treatment should be symptomatic and supportive. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### **Suitable Extinguishing Media**

Water spray (fog). Foam. Dry chemical. Carbon dioxide (CO<sub>2</sub>).

#### **Unsuitable Extinguishing Media**

None known.

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**5.2. Special hazards arising from the substance or mixture**

Do not breathe dust.

**5.3. Advice for firefighters****Special protective equipment for firefighters**

Wear a self-contained breathing apparatus and chemical protective clothing.

**Fire-fighting measures**

In case of fire and/or explosion do not breathe fumes.

## SECTION 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**

Keep unauthorized personnel away. Use personal protection recommended in Section 8. Avoid dust formation. Ensure adequate ventilation.

**For non-emergency personnel**

Keep unauthorized personnel away.

**For emergency responders**

Keep unauthorized personnel away. Use personal protection recommended in Section 8.

**6.2. Environmental precautions**

Avoid runoff to waterways and sewers.

**6.3. Methods and material for containment and cleaning up**

Large Spill: Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust Small Spill: Vacuum or sweep material and place in a disposal container

**6.4. Reference to other sections**

Section 8: Exposure controls and personal protection. See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling**

Avoid exposure - obtain special instructions before use  
Ensure adequate ventilation  
Do not breathe dust  
Use personal protective equipment as required  
Handle in accordance with good industrial hygiene and safety practice

**7.2. Conditions for safe storage, including any incompatibilities**

Keep container tightly closed and dry  
Store away from incompatible materials

## SECTION 8: Exposure controls/personal protection

**8.1. Control parameters****Occupational exposure limits**

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**Limestone**

ACGIH

OSHA

10 mg/m<sup>3</sup> Total Dust, 3 mg/m<sup>3</sup> Respirable Dust5 mg/m<sup>3</sup> TWA (respirable fraction)15 mg/m<sup>3</sup> TWA (total dust)

France

Italy

United Kingdom

10 mg/m<sup>3</sup>10 mg/m<sup>3</sup>10 mg/m<sup>3</sup> TWA (inhalable dust); 4 mg/m<sup>3</sup> TWA (respirable dust)**Crystalline Silica, quartz (impurity)**

ACGIH

OSHA

TWA: 0.025 mg/m<sup>3</sup> respirable fractionTWA: 0.05 mg/m<sup>3</sup>OSHA Action level: 0.025 mg/m<sup>3</sup>

NIOSH

0.05 mg/m<sup>3</sup> TWA (respirable dust)

Austria

MAK: 0,15 mg/m<sup>3</sup> (respirable dust)

Belgium

TWA: 0,1 mg/m<sup>3</sup> (respirable dust)

Bulgaria

TWA: 0,07 mg/m<sup>3</sup> (respirable fraction)

Croatia

MAC: 0,1 mg/m<sup>3</sup>

Czech Republic

TWA: 0,1 mg/m<sup>3</sup> (respirable dust)

Denmark

TLV 0,3 mg/m<sup>3</sup> (total)0,1 mg/m<sup>3</sup> (respirable)

Estonia

TWA: 0,1 mg/m<sup>3</sup> (respirable dust)

Finland

TWA: 0,05 mg/m<sup>3</sup> (respirable)

France

VME: 0,1 mg/m<sup>3</sup> (restrictive limit, alveolar fraction)

Hungary

TWA: 0,15 mg/m<sup>3</sup> (respirable)

Iceland

TWA: 0,3 mg/m<sup>3</sup> (total dust)0,1 mg/m<sup>3</sup> (respirable dust)

Ireland

TWA: 0,1 mg/m<sup>3</sup> (respirable dust)

Italy

TWA: 0,025 mg/m<sup>3</sup> (respirable fraction)

Italy

TWA: 0,025 mg/m<sup>3</sup> (respirable fraction)

Lithuania

TWA: 0,1 mg/m<sup>3</sup> (respirable fraction)

Netherlands

TWA: 0,075 mg/m<sup>3</sup> (respirable dust)

Norway

TLV: 0,3 mg/m<sup>3</sup> (total dust)0,1 mg/m<sup>3</sup> (respirable dust)

Poland

TWA: 2 mg/m<sup>3</sup> (total dust)0,3 mg/m<sup>3</sup> (respirable dust)

Portugal

TWA: 0,025 mg/m<sup>3</sup> (respirable fraction)

Slovakia

TWA: 0,1 mg/m<sup>3</sup> (respirable fraction)

Slovenia

TWA: 0,15 mg/m<sup>3</sup> (respirable fraction)

Spain

VLA-ED TWA: 0,1 mg/m<sup>3</sup> (respirable fraction)

Sweden

TWA: 0,1 mg/m<sup>3</sup> (respirable dust)

Switzerland

TWA: 1, 15 mg/m<sup>3</sup> (respirable dust)

United Kingdom

TWA: 0,1 mg/m<sup>3</sup> (respirable)**Recommended monitoring procedures**

Refer also to national guidance documents for information on currently recommended monitoring procedures

**Biological Limit Values**

No information available

**DNEL (Derived No Effect Level)** No information available**PNEC (Predicted No Effect Concentration)** No information available**8.2. Exposure controls**

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<b>Engineering Measures</b>	Provide a good standard of controlled ventilation (10 to 15 air changes per hour)
<b>Personal protective equipment</b>	
<b>Eye/Face Protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin and Body Protection</b>	Wear suitable protective clothing.
<b>Hand Protection</b>	For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.
<b>Respiratory Protection</b>	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
<b>Thermal hazards</b>	None known.
<b>Hygiene Measures</b>	Follow general hygiene considerations recognized as common good workplace practices The worker should wash daily at the end of each work shift, and prior to eating, drinking, smoking, etc
<b>Environmental Exposure Controls</b>	Dispose of in accordance with local regulations

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance:

<b>Physical State</b>	Solid
<b>Color</b>	White
<b>Odor</b>	Odorless
<b>Odor Threshold</b>	No information available
<b>pH:</b>	8.4 - 10.2 5% Water suspension
<b>Melting point / Freezing point</b>	Not applicable
<b>Boiling Point</b>	Not applicable
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	Not applicable.
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper flammability limit:</b>	
<b>Lower flammability limit:</b>	
<b>Vapor Pressure</b>	Not applicable
<b>Vapor Density</b>	Not applicable
<b>Relative Density</b>	2.7 g/cm <sup>3</sup> @ 20°C
<b>Water Solubility</b>	1.3 g/l, 20° C
<b>Solubility in other solvents</b>	No information available
<b>Partition coefficient</b>	Not applicable
<b>Autoignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	1292 - 1652 °F (700 - 900 °C)
<b>Viscosity</b>	Not applicable.
<b>Explosive Properties</b>	Not applicable

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Oxidizing Properties Not applicable  
VOC Content (%) Not applicable

## SECTION 10: Stability and reactivity

10.1. Reactivity None  
10.2. Chemical stability Stable  
10.3. Possibility of hazardous reactions No specific hazard known  
10.4. Conditions to avoid Incompatible materials  
10.5. Incompatible materials Strong acids  
10.6. Hazardous decomposition products None known

## SECTION 11: Toxicological information

**General Information** Users are advised to consider national Occupational Exposure Limits or other equivalent values.

### Information on Likely Routes of Exposure

**Inhalation** Extended inhalation at levels above the workplace limit value can cause irreversible damage to the lungs (silicosis)  
**Skin** Contact with dust can cause mechanical irritation or drying of the skin  
**Eyes** Avoid contact with eyes  
Dust contact with the eyes can lead to mechanical irritation  
**Ingestion** Ingestion is not a likely route of exposure  
**Aspiration hazard** Not an expected route of exposure.  
**Symptoms related to the physical, chemical and toxicological characteristics** Contact with dust can cause mechanical irritation or drying of the skin. Dust may cause mechanical irritation to eyes. May cause irritation. Mucous Membrane. respiratory tract.

### 11.1. Information on toxicological effects

Limestone  
Oral LD50 6450 mg/kg Rat

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Page 8 of 12**Crystalline Silica, quartz (impurity)**LD50s and LC50s 500 mg/kg Oral LD50 Rat  
Oral LD50 500 mg/kg Rat MouseACGIH Group 2A - Probably Carcinogenic to Humans  
IARC Group 1 - Carcinogenic to Humans

<b>Acute Toxicity</b>	Users are advised to consider national Occupational Exposure Limits or other equivalent values
<b>Chronic Toxicity</b>	Potential occupational carcinogen.
<b>Chronic Effects</b>	Extended inhalation at levels above the workplace limit value can cause irreversible damage to the lungs (silicosis).
<b>Respiratory Sensitization</b>	Based on available data, the classification criteria are not met
<b>Serious eye damage/eye irritation</b>	Based on available data, the classification criteria are not met
<b>Skin Corrosion/Irritation</b>	Based on available data, the classification criteria are not met
<b>Skin Sensitization</b>	Based on available data, the classification criteria are not met
<b>Mutagenicity</b>	Based on available data, the classification criteria are not met
<b>Reproductive Effects</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Crystalline silica (quartz) has been classified by the International Agency for Research on Cancer (IARC) as a known human carcinogen (Group 1).
<b>Target Organ Effects</b>	Respiratory system. Immune system. Kidney.
<b>Specific target organ toxicity - Single exposure</b>	No information available.
<b>Specific target organ toxicity - Repeated exposure</b>	May cause damage to organs through prolonged or repeated exposure. Respiratory system. Immune system. Kidney.

**SECTION 12: Ecological information**

12.1. Ecotoxicity Not considered to be harmful to aquatic life.

**Limestone**

WGK Classification (AwSV) 317 WGK: nwg

**Crystalline Silica, quartz (impurity)**

WGK Classification (AwSV) 849 WGK: nwg

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<b>12.2. Persistence and degradability</b>	Not readily biodegradable.
<b>12.3. Bioaccumulative potential</b>	None.
<b>Partition coefficient</b>	Not applicable
<b>Bioconcentration factor (BCF)</b>	Not available.
<b>12.4. Mobility in soil</b>	None.
<b>12.5. Results of PBT and vPvB assessment</b>	This substance does not meet the criteria for classification as PBT or vPvB.
<b>12.6. Other adverse effects</b>	None known

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

<b>Disposal Methods</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.
<b>Waste codes</b>	Waste codes should be assigned by the user based on the application for which the product was used

#### Limestone

European Waste Catalog 10130414  
WGK Classification (AwSV) 317 WGK: nwg

#### Crystalline Silica, quartz (impurity)

WGK Classification (AwSV) 849 WGK: nwg

## SECTION 14: Transport information

### Mode of Transportation (Road, Water, Air, Rail)

<b>TDG -Canada</b>	Not regulated
<b>DOT</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG/IMO</b>	Not regulated
<b>ICAO</b>	Not regulated

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14.1. UN number None  
14.2. UN proper shipping name None  
14.3. Transport hazard class(es) None  
14.4. Packing group None  
14.5. Environmental hazards No  
14.6. Special precautions for user Not applicable

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  
Not applicable

## SECTION 15: Regulatory information

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

### Global Inventories

Pure substance/mixture Substance

Chemical Name	CAS Number	EC No	Australia (AIC)	Canada (DSL)	China (IECSC)	Japan	S. Korea (KECL)	Mexico	Thailand (TECI)	New Zealand	Philippines (PICCS)	Taiwan	TSCA: United States
Limestone	1317-65-3	215-279-6	Y	Y (NDSL)	Y	(1)-122(E NCS)(ISH L)	KE-21996	Y	55-1-0141 1	Y	Y	Y	A
Crystalline Silica, quartz (impurity)	14808-60-7	238-878-4	Y	Y	Y	(1)-548(E NCS)(ISH L)	KE-29983	Y	55-1-0194 1	Y	Y	Y	A

Legend X / Y: Complies ; A: Active ; - / N: Exempt / Not Listed

### REACH No.

#### Limestone

EU REACH registration number Exempt

#### Crystalline Silica, quartz (impurity)

EU REACH registration number Exempt

Not considered to be harmful to aquatic life

#### Limestone

WGK Classification (AwSV) 317 WGK: nwg

#### Crystalline Silica, quartz (impurity)

WGK Classification (AwSV) 849 WGK: nwg

### 15.2. Chemical safety assessment

A Chemical Safety Assessment is not required for this substance

**SECTION 16: Other information**

**Reason for Revision** This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 & COMMISSION REGULATION (EU) No. 2020/878

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**Prepared by** Huber Engineered Materials Global Regulatory Affairs  
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**(CLP) Regulation (EC 1272/2008)**

**Labeling****Symbols/Pictograms**

**Signal Word** Danger

**Hazard Statements** H350 - May cause cancer. H373 - May cause damage to organs through prolonged or repeated exposure.

**Training Advice** Do not handle until all safety precautions have been read and understood.

**Abbreviations and acronyms**

IARC (International Agency for Research on Cancer)  
IUCLID (International Uniform Chemical Information Database)  
WHMIS (Workplace Hazardous Materials Information System)  
OSHA (Occupational Safety and Health Administration of the US Department of Labor)  
TWA (Time-Weighted Average)  
CLP (The Classification, Labeling and Packaging of Substances and Mixtures Regulation (EC 1272/2008))  
PPE (Personal Protection Equipment)  
NIOSH (National Institute for Occupational Safety and Health)  
CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act)  
RQ (Reportable Quantity) (RQ/% in mixture)  
STEL (Short Term Exposure Limit)  
TLV® (Threshold Limit Value)  
DNEL (Derived No Effect Level)  
SVHC (Substances of Very High Concern)  
BOD (Biochemical oxygen demand)  
COD (Chemical oxygen demand)  
ICAO (International Civil Aviation Organization)  
IMDG (International Maritime Dangerous Goods)  
ADR (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
RID (Agreement Concerning the International Carriage of Dangerous Goods by Rail)  
IATA (International Air Transport Association)  
IMDG (International Maritime Dangerous Goods)  
DOT (Department of Transportation)

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TDG (Transport of Dangerous Goods) Canada  
PNEC (Predicted No Effect Concentration)  
SCBA (Self-Contained Breathing Apparatus) Positive Pressure  
GHS (Globally Harmonized System)  
TSCA (Toxic Substances Control Act)

### Disclaimer

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

**End of Safety Data Sheet**