HUBER ENGINEERED MATERIALS

Safety Data Sheet

Hubercarb® M200

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03
Canadian Workplace Hazardous Material Information System (WHMIS) 2015
Mexico NOM-018-STPS-2000; NOM-018-STPS-2015
GHS (Globally Harmonized System)

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

1.1. Product identifier

Product Name: Hubercarb® M200

Pure substance/mixture Substance

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

Recommended Use Filler. Functional additive.

1.3. Details of the supplier of the safety data sheet

Company:
Huber Carbonates, LLC
3100 Cumberland Boulevard, Suite 600
Atlanta, GA 30339 USA

Tel: +1 678 247-7300

Internet www.hubermaterials.com

Contact E-Mail hubermaterials@huber.com

1.4. Emergency telephone number

CHEMTREC: +1 800 424 9300 or International +1 703 527 3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

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

Physical Hazards Not classified

Health Hazards
Carcinogenicity category 1A
Specific target organ toxicity (STOT) - repeated exposure, category 2
Respiratory system

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
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Do not breathe dust
Wear protective gloves/protective clothing/eye protection/face protection

Response IF exposed or concerned: Get medical advice/attention

Storage Store locked up

Disposal Dispose of contents/containers in accordance with local regulations

Additional Information: Not applicable.

Hazards not otherwise classified (HNOC) None known.

SECTION 3: Composition/information on ingredients

Pure substance/mixture Substance

Chemical Name	CAS Number	Weight-%
Limestone	1317-65-3	88 - 97
Crystalline Silica, quartz (impurity)	14808-60-7	3 - 7

SECTION 4: First aid measures

4.1. Description of first aid measures

General Advice	When in doubt or if symptoms are observed, get medical advice.
Eye Contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Skin Contact	Wash with plenty of soap and water.
Ingestion	Rinse mouth thoroughly with water.
Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Aspiration hazard	Not an expected route of exposure.
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 (CO2).

Unsuitable Extinguishing Media
None known.

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

Limestone

OSHA	5 mg/m³ TWA (respirable fraction) 15 mg/m³ TWA (total dust)
OSHA - Final PELs -TWA	15 mg/m³ TWA

ACGIH	10 mg/m³ Total Dust, 3 mg/m³ Respirable Dust
Canada	10 mg/m³
Canada - British Columbia - OEL-STELs	20 mg/m³

Crystalline Silica, quartz (impurity)

OSHA	TWA: 0.05 mg/m³ OSHA Action level: 0.025 mg/m³
ACGIH	TWA: 0.025 mg/m³ respirable fraction
Canada	0.025 mg/m³ TWA (respirable particulate)
Canada - British Columbia - OEL - Designated Substances	ACGIH Category A2 - Suspected Human Carcinogen IARC Category 1 - Human Carcinogen
Canada - Ontario - OEL - TWA EVs	0.10 mg/m³
Canada - Manitoba - OEL - TWA	0.025 mg/m³ TWA (respirable fraction)
Canada - Nova Scotia - OEL - TWA	0.025 mg/m³ TWA (respirable fraction)
Canada - Prince Edward Island - OEL - TWA	0.025 mg/m³ TWA (respirable fraction)
Mexico	Mexican Carcinogen Category: A2 (Suspected Human Carcinogen) TWA (VLE-PPT): 0.025 mg/m³.

PNEC (Predicted No Effect Concentration) No information available

DNEL (Derived No Effect Level) No information available

Biological Limit Values No information available

8.2. Exposure controls

Engineering Measures Provide a good standard of controlled ventilation (10 to 15 air changes per hour).

Personal protective equipment

Eye/Face Protection Wear safety glasses with side shields (or goggles).
Skin and Body Protection Wear suitable protective clothing.
Hand Protection For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.
Respiratory Protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Thermal hazards None known. Wear suitable protective clothing.

Hygiene Measures 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.

Environmental Exposure Controls Dispose of in accordance with local regulations.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:

Physical State Solid
Color White

Odor	Odorless
Odor Threshold	No information available
pH:	8.4 - 10.2 5% Water suspension
Melting point / Freezing point	Not applicable
Boiling Point	Not applicable
Freezing Point	Not applicable
Flash Point	Not applicable
Evaporation Rate	Not applicable.
Flammability (solid, gas)	Not applicable
Upper flammability limit:	--
Lower flammability limit:	--
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Vapor Density	Not applicable
Density	No data available
Relative Density	2.7 g/cm3 @ 20°C
Water Solubility	0.01 g/l (Practically insoluble) @ 20°C
Solubility in other solvents	No information available
Partition coefficient	Not applicable
Autoignition Temperature	Not applicable
Decomposition Temperature	1292 - 1652 °F (700 - 900 °C)
Viscosity	Not applicable.
Kinematic viscosity	Not applicable
Explosive Properties	Not applicable
Oxidizing Properties	Not applicable
Particle Size	No information available
VOC Content (%)	Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes
Not applicable

9.2.2. Other safety characteristics
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.

11.1. Information on toxicological effects

Limestone

Oral LD50	6450 mg/kg Rat

Crystalline Silica, quartz (impurity)

LD50s and LC50s	500 mg/kg Oral LD50 Rat
Oral LD50	500 mg/kg Rat Mouse
ACGIH	Group 2A - Probably Carcinogenic to Humans
IARC	Group 1 - Carcinogenic to Humans

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

Repeated exposure Lungs.

Information on Likely Routes of Exposure

Inhalation	Extended inhalation at levels above the workplace limit value can cause irreversible damage to the lungs (silicosis)
Ingestion	Ingestion is not a likely route of exposure
Skin	Prolonged or repeated contact may dry skin and cause irritation
Eyes	Avoid contact with eyes Dust contact with the eyes can lead to mechanical irritation
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.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties	This product does not contain any known or suspected endocrine disruptors
11.2.2. Other information	Not applicable

SECTION 12: Ecological information

12.1. Toxicity 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

12.2. Persistence and degradability Not readily biodegradable.

12.3. Bioaccumulative potential None.

Partition coefficient	Not applicable
Bioconcentration factor (BCF)	Not available.

12.4. Mobility in soil None.

12.5. Results of PBT and vPvB assessment This substance does not meet the criteria for classification as PBT or vPvB.

12.6. Endocrine disrupting properties This product does not contain any known or suspected endocrine disruptors

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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

Contaminated Packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.

Waste codes 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)

TDG -Canada	Not regulated
DOT	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated
ICAO	Not regulated

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. Maritime transport in bulk according to IMO instruments
Not applicable

SECTION 15: Regulatory information

Global Inventories

Pure substance/mixture Substance

Chemical Name	CAS Number	EC No	EU REACH registration number	Australia (AIIC)	Canada (DSL)	China (IECSC)	Japan	S. Korea (KECL)	Mexico	New Zealand	Philippines (PICCS)	Taiwan	TSCA: United States
Limestone	1317-65-3	215-279-6	Exempt	Y	Y (NDSL)	Y	(1)-122(ENCS)(ISHL)	KE-21996	Y	Y	Y	Y	A
Crystalline Silica, quartz (impurity)	14808-60-7	238-878-4	Exempt	Y	Y	Y	(1)-548(ENCS)(ISHL)	KE-29983	Y	Y	Y	Y	A

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

US Federal Regulations

EPA

CERCLA

SARA 311/312 Hazardous Categorization

CWA (Clean Water Act)
Not listed

CAA (Clean Air Act)
Not listed

U.S. State Right-to-Know Regulations

Chemical Name	CAS Number	California Proposition 65	Massachusetts	Minnesota	New Jersey	Pennsylvania
Limestone	1317-65-3	N	Y	Y	sn 4001	Y
Crystalline Silica, quartz (impurity)	14808-60-7	Y	Y	Y	sn 1660	Y

Y: Listed ; N: Not Listed

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

This product can expose you to crystalline silica, which is known to the State of California to cause cancer.

CANADA

WHMIS

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR

Limestone
H350; H372

Crystalline Silica, quartz (impurity)
H350; H372

SECTION 16: Other information

Prepared by	Huber Engineered Materials (HEM) Global Regulatory Affairs regulatory.affairs@huber.com
Issue Date **Print Date**	02/Jul/2024 02/Jul/2024
Revision Number	1.3.1
Reason for Version	OSHA (Occupational Safety and Health Administration of the US Department of Labor).
Training Advice	Do not handle until all safety precautions have been read and understood.
Abbreviations and acronyms	IARC (International Agency for Research on Cancer) IATA (International Air Transport Association) IMDG (International Maritime Dangerous Goods) IUCLID (International Uniform Chemical Information Database) WHMIS (Workplace Hazardous Materials Information System) DOT (Department of Transportation) 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) TDG (Transport of Dangerous Goods) Canada 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) SCBA (Self-Contained Breathing Apparatus) Positive Pressure GHS (Globally Harmonized System) SARA (Superfund Amendments and Reauthorization Act of 1986) 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