



HUBER ENGINEERED MATERIALS

# Safety Data Sheet

## Hubercarb® W3N

Prepared in accordance with GB/T 16483-2008, GB/TGB/T 24774-2009, GB 13690 – 2009, GB/T 17519–2013 Globally Harmonized System (GHS)

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### Section 1: PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	Hubercarb® W3N
<b>Pure substance/mixture</b>	Substance
<b>Calcium Carbonate</b>	
<b>CAS Number</b>	471-34-1
<b>Weight-%</b>	100
<b>Recommended Use</b>	Filler Functional additive
<b>Company:</b>	Huber Carbonates, LLC 3100 Cumberland Boulevard, Suite 600 Atlanta, GA 30339 USA  Tel: +1 678 247-7300
<b>Emergency Telephone</b>	CHEMTREC: 1 800 424 9300 or International +1 703 527 3887
<b>E-mail</b>	hubermaterials@huber.com
<b>Internet</b>	www.hubermaterials.com

### Section 2: HAZARDS IDENTIFICATION

<b>GHS Classification</b>	Not classified
<b>Physical Hazard</b>	Not classified
<b>Health Hazard</b>	Not classified
<b>Environmental Hazard</b>	Not classified
<b>Label Elements</b>	
<b>Symbols/Pictograms</b>	None
<b>Signal Word</b>	None
<b>Precautionary Statements</b>	

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<b>Prevention</b>	Avoid release to the environment Observe good industrial hygiene practices. Avoid breathing dust. Use mechanical ventilation (dilution and local exhaust) to control exposure
<b>Response</b>	IF ON SKIN: Wash with plenty of soap and water IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing
<b>Spills and Leaks</b>	Collect spillage
<b>Storage</b>	Store in a dry place Store away from incompatible materials.
<b>Disposal</b>	Dispose in accordance with local, state and national regulations
<b>Additional Information:</b>	None.

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture                      Substance

Chemical Name	CAS Number	China (IECSC)	China classification	TSCA: United States	REACH registration number	Weight-%
Calcium Carbonate	471-34-1	Y	Not classified	Y	Exempt	100

### Section 4: FIRST AID MEASURES

<b>General Advice</b>	In case of doubt or when symptoms persist, seek medical attention.
<b>Eye Contact</b>	Hold eyelids apart and flush eyes with a steady, gentle stream of water for several minutes.
<b>Skin Contact</b>	IF ON SKIN: Wash with plenty of soap and water
<b>Inhalation</b>	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing
<b>Notes to Physician</b>	Treat symptomatically
<b>Personal Protective Equipment For First Aid Responders</b>	Wear suitable protective clothing IF exposed or concerned: Get medical advice/attention
<b>Expected acute symptoms and</b>	None known

delayed symptoms

**Section 5: FIRE FIGHTING MEASURES**

<b>Flammable Properties</b>	None known
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media:</b>	None known
<b>Specific Hazards Arising from the Chemical</b>	None known
<b>Protective Equipment and Precautions for Firefighters</b>	Wear self-contained breathing apparatus and protective suit

**Section 6: SPILLAGE, ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	Ensure adequate ventilation. Avoid dust formation. Avoid inhalation of dust. Refer to Section 8 for personal protective equipment.
<b>Environmental Precautions</b>	Prevent from entering into soil, ditches, sewers and waterways.
<b>Methods for cleaning up</b>	Sweep or vacuum spilled material Dispose of according to local and regional authority requirements
<b>Other Information:</b>	None known

**Section 7: HANDLING AND STORAGE**

<b>Handling</b>	In case of exposure to environments exceeding the occupational exposure limit, wear a respirator in compliance with national legislation. Handle in accordance with good industrial hygiene and safety practice
<b>Storage</b>	Keep container tightly closed in a dry and well-ventilated place

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Exposure Limits</b>	Provide adequate ventilation as well as local exhaust at critical locations
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**Calcium Carbonate**

China	8 mg/m <sup>3</sup>
China	10 mg/m <sup>3</sup>
ACGIH	3 mg/m <sup>3</sup> Respirable 10 mg/m <sup>3</sup> Total Dust
OSHA	10 mg/m <sup>3</sup>

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<b>Engineering Measures</b>	Ensure adequate ventilation, especially in confined areas Provide a good standard of controlled ventilation (10 to 15 air changes per hour)
<b><u>Personal Protective Equipment</u></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>	Protective gloves
<b>Respiratory Protection</b>	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice Wash hands and face before breaks and immediately after handling the product.
<b>Environmental Exposure Controls</b>	Dispose of in accordance with local regulations

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

#### Appearance:

<b>Physical State</b>	Solid Powder
<b>Color</b>	White
<b>Odor</b>	Odorless
<b>Odor Threshold</b>	No information available
<b>pH:</b>	8.0 - 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>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
<b>Oxidizing Properties</b>	Not applicable
 <b>VOC Content (%)</b>	 Not applicable

**Section 10: STABILITY AND REACTIVITY**

<b>Stability</b>	Stable under normal conditions
<b>Conditions to avoid:</b>	Dust formation Incompatible materials
<b>Incompatible materials</b>	None known
<b>Hazardous decomposition products</b>	None under normal processing
<b>Hazardous Reactions</b>	None under normal processing
<b>Hazardous polymerization:</b>	None under normal processing

**Section 11: TOXICOLOGICAL INFORMATION**

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

**Product Information****Information on Likely Routes of Exposure**

<b>Eyes</b>	Avoid contact with eyes Dust contact with the eyes can lead to mechanical irritation
<b>Skin</b>	Avoid prolonged or repeated contact with skin
<b>Inhalation</b>	Avoid inhalation of the product
<b>Ingestion</b>	Ingestion is not a likely route of exposure
<b>Aspiration hazard</b>	Not an expected route of exposure.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Signs and symptoms may include coughing, gasping, choking and difficulty breathing.

**11.1. Information on toxicological effects****Calcium Carbonate**

Oral LD50 6450 mg/kg (rat)

**Chronic Effects** Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation** Contact with eyes may cause irritation

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<b>Respiratory Sensitization</b>	Based on available data, the classification criteria are not met
<b>Skin Corrosion/Irritation</b>	Prolonged or repeated contact may dry skin and cause irritation
<b>Skin Sensitization</b>	Based on available data, the classification criteria are not met
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive Toxicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
<b>Specific target organ toxicity - Single exposure</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity - Repeated exposure</b>	Based on available data, the classification criteria are not met.

## Section 12: ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Not considered to be harmful to aquatic life.
<b>Persistence/Degradability:</b>	Not readily biodegradable.
<b>Bioaccumulative Potential</b>	None.
<b>Partition coefficient</b>	Not applicable
<b>Bioconcentration factor (BCF)</b>	Not available.
<b>Mobility in soil</b>	None.
<b>Results of PBT and vPvB assessment</b>	This substance does not meet the criteria for classification as PBT or vPvB.
<b>Other Adverse Effects</b>	None known

## Section 13: DISPOSAL CONSIDERATIONS

<b>Waste from Residues/Unused Products</b>	Dispose of in accordance with local regulations
<b>Contaminated Packaging:</b>	Dispose of contents/container to an approved waste disposal plant

## Section 14: TRANSPORT INFORMATION

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

<b>DOT</b>	Not regulated
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ADR	Not regulated
RID	Not regulated
ADN	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated
ICAO	Not regulated

- 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

Chemical Name	CAS Number	EC No	REACH registration number	Australia (AICS)	Canada (DSL)	China (IECSC)	Japan	S. Korea (KECL)	Mexico	New Zealand	Philippines (PICCS)	Taiwan	TSCA: United States
Calcium Carbonate	471-34-1	207-439-9	Exempt	Y	Y	Y	Y	KE-04487	Y	Y	Y	Y	Y

#### Legend

X / Y: Complies - / N: Not Listed Exempt

## Section 16: OTHER INFORMATION

<b>Prepared by</b>	Huber Engineered Materials Global Regulatory Affairs email: regulatory.affairs@huber.com
<b>Reason for Revision</b>	GB/T 16483-2008 GB/T 24774-2009 GB 13690 – 2009 GB/T 17519–2013
<b>GHS Classification</b>	Not classified
<b>Physical Hazard</b>	Not classified
<b>Health Hazard</b>	Not classified
<b>Environmental Hazard</b>	Not classified
<b>Label Elements</b>	
<b>Symbols/Pictograms</b>	None
<b>Signal Word</b>	None
<b>Abbreviations and acronyms</b>	<p>International Agency for Research on Cancer (IARC)          International Air Transport Association (IATA)          International Maritime Dangerous Goods (IMDG)          International Uniform Chemical Information Database (IUCLID)          Workplace Hazardous Materials Information System (WHMIS) status and classification          EPA SARA Title III Section 312 (40 CFR 370) Hazard Classification          DOT (Department of Transportation)          OSHA (Occupational Safety and Health Administration of the US Department of Labor)          TWA - Time-Weighted Average          Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA)          The Classification, Labeling and Packaging of Substances and Mixtures (CLP) 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)          Reportable Quantity (RQ) (RQ/% in mixture)          STEL - Short Term Exposure Limit          TLV® - Threshold Limit Value          Derived No Effect Level (DNEL)          SVHC: Substances of Very High Concern for Authorization:          Land transport (ADR/RID)          Biochemical oxygen demand (BOD)          Chemical oxygen demand (COD)          ICAO (air)          (IMDG) International Maritime Dangerous Goods          Positive Pressure Self-Contained Breathing Apparatus (SCBA)          Predicted No Effect Concentration (PNEC)          Globally Harmonized System (GHS)</p>



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**End of Safety Data Sheet**