



## Safety Data Sheet

prepared to UN GHS Revision 3

### 1. Identification of the Substance/Mixture and the Company/Undertaking

- 1.1 Product Identifier** 4403C1NL
- Product Name:** SPECIAL SILICA FILLER #3 **Revision Date:** 07/06/2018
- 1.2 Relevant identified uses of the substance or mixture and uses advised against** Component of multicomponent industrial coatings - Industrial use. **Supersedes Date:** 05/30/2015
- 1.3 Details of the supplier of the safety data sheet**
- Manufacturer:** Carboline Company  
2150 Schuetz Road  
St. Louis, MO USA 63146
- Regulatory / Technical Information:  
Contact Carboline Technical Services at  
1-800-848-4645
- Datasheet Produced by:** Schlereth, Ken - ehs@stoncor.com
- 1.4 Emergency telephone number:** CHEMTREC 1-800-424-9300 (Inside US)  
CHEMTREC +1 703 5273887 (Outside US)  
HEALTH - Pittsburgh Poison Control 1-412-681-6669

### 2. Hazard Identification

**2.1 Classification of the substance or mixture**

Carcinogenicity, category 1A  
STOT, repeated exposure, category 1

**2.2 Label elements**

**Symbol(s) of Product**



**Signal Word**

danger

**Named Chemicals on Label**

MICROCRYSTALLINE SILICA

**HAZARD STATEMENTS**

Carcinogenicity, category 1A	H350-1A	May cause cancer.
STOT, repeated exposure, category 1	H372	Causes damage to organs through prolonged or repeated exposure.

**PRECAUTION PHRASES**

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P284	Wear respiratory protection.
P308+313	IF exposed or concerned: Get medical advice/attention
P314	Get medical advice/attention if you feel unwell.

**2.3 Other hazards**

No Information

**Results of PBT and vPvB assessment:**

The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

**3. Composition/Information On Ingredients****3.1 Substances****Hazardous Ingredients**

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>%</u>
14808-60-7	MICROCRYSTALLINE SILICA	75-100

<u>CAS-No.</u>	<u>GHS Symbols</u>	<u>GHS Hazard Statements</u>	<u>M-Factors</u>
14808-60-7	GHS08	H350-372	0

**Additional Information:** The text for GHS Hazard Statements shown above (if any) is given in Section 16.**4. First-aid Measures****4.1 Description of First Aid Measures****AFTER INHALATION:** Remove person to fresh air. If signs/symptoms continue, get medical attention.**AFTER SKIN CONTACT:** Wash off with soap and plenty of water.**AFTER EYE CONTACT:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.**AFTER INGESTION:** Drink 1 or 2 glasses of water. Call a physician if irritation persists.**4.2 Most important symptoms and effects, both acute and delayed**

No Information

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

No Information

**5. Fire-fighting Measures****5.1 Extinguishing Media:**

Carbon Dioxide, Dry Chemical, Foam, Water Fog

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** No Information**5.2 Special hazards arising from the substance or mixture**

No Information

**5.3 Advice for firefighters**

The product is not flammable.

## 6. Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Sweep up to prevent slipping hazard.

### 6.2 Environmental precautions

No Information

### 6.3 Methods and material for containment and cleaning up

No Information

### 6.4 Reference to other sections

No Information

## 7. Handling and Storage

### 7.1 Precautions for safe handling

**INSTRUCTIONS FOR SAFE HANDLING :** Avoid breathing dust. Do not breathe vapours or spray mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

**PROTECTION AND HYGIENE MEASURES :** Remove dust, fly and finish residues through ventilation or vacuum cleaning. If in eyes or on skin, rinse well with water. Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust.

### 7.2 Conditions for safe storage, including any incompatibilities

**CONDITIONS TO AVOID:** Exposure to moisture.

**STORAGE CONDITIONS:** Keep containers tightly closed in a dry, cool and well-ventilated place.

### 7.3 Specific end use(s)

No Information

## 8. Exposure Controls/Personal Protection

### 8.1 Control parameters

#### Ingredients with Occupational Exposure Limits (US)

<u>Name</u>	<u>CAS-No.</u>	<u>ACGIH TWA</u>	<u>ACGIH STEL</u>	<u>ACGIH Ceiling</u>
MICROCRYSTALLINE SILICA	14808-60-7	0.025 MGM3		N/E

<u>Name</u>	<u>CAS-No.</u>	<u>OSHA PEL</u>	<u>OSHA STEL</u>
MICROCRYSTALLINE SILICA	14808-60-7	0.1 MGM3	

**FURTHER INFORMATION:** No Information

### 8.2 Exposure controls

#### Personal Protection

**RESPIRATORY PROTECTION:** Properly fitted dust/mist respirator, NIOSH approved for silica quartz exposure.

**EYE PROTECTION:** Safety glasses with side-shields.

**HAND PROTECTION:** For prolonged or repeated contact use protective gloves.

**OTHER PROTECTIVE EQUIPMENT:** None.

**ENGINEERING CONTROLS:** Use with adequate ventilation.

## 9. Physical and Chemical Properties

**9.1 Information on basic physical and chemical properties**

<b>Appearance:</b>	White Powder
<b>Physical State</b>	Solid
<b>Odor</b>	Dusty
<b>Odor threshold</b>	N/D
<b>pH</b>	N/D
<b>Melting point / freezing point (°C)</b>	N/A
<b>Boiling point/range (°C)</b>	N/A - N/A
<b>Flash Point, (°C)</b>	999
<b>Evaporation rate</b>	Slower Than Ether
<b>Flammability (solid, gas)</b>	Not determined
<b>Upper/lower flammability or explosive limits</b>	N/A - N/A
<b>Vapour Pressure, mmHg</b>	N/D
<b>Vapour density</b>	N/A
<b>Relative density</b>	Not determined
<b>Solubility in / Miscibility with water</b>	N/D
<b>Partition coefficient: n-octanol/water</b>	Not determined
<b>Auto-ignition temperature (°C)</b>	Not determined
<b>Decomposition temperature (°C)</b>	Not determined
<b>Viscosity</b>	Unknown
<b>Explosive properties</b>	Not determined
<b>Oxidising properties</b>	Not determined

**9.2 Other information**

<b>VOC Content g/l:</b>	See Part A MSDS
<b>Specific Gravity (g/cm<sup>3</sup>)</b>	2.52

## 10. Stability and Reactivity

**10.1 Reactivity**

No Information

**10.2 Chemical stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

Hazardous polymerisation does not occur.

**10.4 Conditions to avoid**

Exposure to moisture.

**10.5 Incompatible materials**

None.

**10.6 Hazardous decomposition products**

None known.

## 11. Toxicological Information

### 11.1 Information on toxicological effects

#### Acute Toxicity:

Oral LD50: N/D

Inhalation LC50: N/D

Irritation: Unknown

Corrosivity: Unknown

Sensitization: Unknown

Repeated dose toxicity: Unknown

Carcinogenicity: Unknown

Mutagenicity: Unknown

Toxicity for reproduction: Unknown

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested. Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
14808-60-7	MICROCRYSTALLINE SILICA	22500 mg/kg	Not Available	Not Available

#### Additional Information:

This product contains silica which is classified by IARC as a known human carcinogen (Group 1). Crystalline silica is known to cause silicosis. The classification(s) is/are relevant when exposed to these respirable substances in dust or powder form only, including cured product that is subject to sanding, grinding, cutting, or other surface preparation activities.

## 12. Ecological Information

### 12.1 Toxicity:

EC50 48hr (Daphnia): Unknown

IC50 72hr (Algae): Unknown

LC50 96hr (fish): Unknown

12.2 Persistence and degradability: Unknown

12.3 Bioaccumulative potential: Unknown

12.4 Mobility in soil: Unknown

12.5 Results of PBT and vPvB assessment: The product does not meet the criteria for PBT/vPvB in accordance with Annex XIII.

12.6 Other adverse effects: Unknown

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>EC50 48hr</u>	<u>IC50 72hr</u>	<u>LC50 96hr</u>
14808-60-7	MICROCRYSTALLINE SILICA	No information	No information	No information

### 13. Disposal Considerations

13.1 WASTE TREATMENT METHODS: Dispose of in accordance with local regulations.

### 14. Transport Information

14.1 UN number	None
14.2 UN proper shipping name	Not Regulated
Technical name	N/A
14.3 Transport hazard class(es)	None
Subsidiary shipping hazard	N/A
14.4 Packing group	N/A
14.5 Environmental hazards	Unknown
14.6 Special precautions for user	Unknown
EmS-No.:	N/A
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	Unknown

### 15. Regulatory Information

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

#### U.S. Federal Regulations: As follows -

##### CERCLA - Sara Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Carcinogenicity, Specific target organ toxicity (single or repeated exposure)

##### Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

##### Toxic Substances Control Act:

All components of this product are either listed on the TSCA Inventory or are exempt.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA 12(b) components exist in this product.

**U.S. State Regulations: As follows -****New Jersey Right-to-Know:**

The following materials are non-hazardous, but are among the top five components in this product.

No NJ Right-To-Know components exist in this product.

**Pennsylvania Right-To-Know**

The following non-hazardous ingredients are present in the product at greater than 3%.

No PA Right-To-Know components exist in this product.

**CALIFORNIA PROPOSITION 65 CARCINOGENS****Warning**

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

**Chemical Name****CAS-No.**

MICROCRYSTALLINE SILICA

14808-60-7

**CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS****Warning**

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

**Chemical Name****CAS-No.**

No Proposition 65 Reproductive Toxins exist in this product.

**International Regulations: As follows -****\* Canadian DSL:**

No Information

**15.2 Chemical Safety Assessment:**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

**16. Other Information****Text for GHS Hazard Statements shown in Section 3 describing each ingredient:**

H350	May cause cancer.
H372	Causes damage to organs through prolonged or repeated exposure.

**Reasons for revision**

No Information

The information contained herein is, to the best of our knowledge and belief accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.