

**SAFETY DATA SHEET****CHILDERS™ AK-CRYL™ CP-9**

Version 1.2

Revision Date 09/06/2023

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : CHILDERS™ AK-CRYL™ CP-9  
Product code : 100000015551

**Manufacturer or supplier's details**

Company : H.B. Fuller Construction Products

Address : 1105 South Frontenac  
Aurora, IL, 60504

Telephone : 1-800-552-6225

Medical Emergency Phone Number (24 Hours): 1-888-853-1758

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

**Recommended use of the chemical and restrictions on use**

Recommended use : Water based sealant

Restrictions on use : For industrial use only.

**SECTION 2. HAZARDS IDENTIFICATION****Emergency Overview**

Appearance	liquid
	liquid
Color	white
	white
Odor	sweet
	sweet

**GHS Classification**

Not a hazardous substance or mixture.  
Not a hazardous substance or mixture.

**GHS label elements**

Not a hazardous substance or mixture.  
No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required

**Potential Health Effects****Carcinogenicity:**

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**IARC**

Group 1: Carcinogenic to humans  
 During normal handling of the product, this substance is encapsulated within the product and will not present a cancer exposure risk.

Quartz (SiO<sub>2</sub>) 14808-60-7

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Group 1: Carcinogenic to humans

Quartz (SiO<sub>2</sub>) 14808-60-7

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**NTP**

Known to be human carcinogen  
 During normal handling of the product, this substance is encapsulated within the product and will not present a cancer exposure risk.

Quartz (SiO<sub>2</sub>) 14808-60-7

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Known to be human carcinogen

Quartz (SiO<sub>2</sub>) 14808-60-7

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

**Hazardous ingredients**

Chemical name	CAS-No.	Concentration [%]
Calcium carbonate	471-34-1	20 - 30
Proprietary	21645-51-2	10 - 20
Titanium dioxide	13463-67-7	5 - 10
Cellulose	9004-34-6	1 - 5
Quartz (SiO <sub>2</sub> )	14808-60-7	0.1 - 1

Actual concentration is withheld as a trade secret

This product contains one or more materials that may be hazardous when present as an airborne dust. During normal handling of the product, the material is encapsulated within the product and will not present an exposure risk. Once the product has reached its final state and is abraded or disturbed, dusting and exposure may occur. This product may contain crystalline silica. As provided, and during normal use of this product, the crystalline silica is encapsulated within the product. As such, it is considered to be inextricably bound, and not readily available for exposure. Use of this product would not subject the user to the compliance requirements of 29CFR1910.1053 or 1926.1153.

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Proprietary	21645-51-2	10 - 20
Limestone	1317-65-3	10 - 20
Titanium dioxide	13463-67-7	1 - 5
Cellulose	9004-34-6	1 - 5
Actual concentration is withheld as a trade secret		
Limestone	1317-65-3	20 - 30
Proprietary	21645-51-2	10 - 20
Titanium dioxide	13463-67-7	5 - 10
Cellulose	9004-34-6	1 - 5
Quartz (SiO <sub>2</sub> )	14808-60-7	0.1 - 1
Actual concentration is withheld as a trade secret		

#### SECTION 4. FIRST AID MEASURES

- General advice : Show this material safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.  
If symptoms persist, call a physician.
- In case of skin contact : Wash off with soap and water.
- In case of eye contact : Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
- If swallowed : Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.

#### SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Not combustible.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : none
- Specific hazards during fire fighting : Cool closed containers exposed to fire with water spray.
- Specific extinguishing methods :
- Further information : This product is an aqueous mixture that will not burn. Dried product film will burn in a fire.

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#### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Refer to protective measures listed in sections 7 and 8.
- Environmental precautions : No special environmental precautions required.  
Prevent product from entering drains.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

#### SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : No special precautions are needed in handling this material.
- Conditions for safe storage : Keep container closed when not in use.  
Keep in a dry, cool place.
- Materials to avoid : Do not freeze.  
No special restrictions on storage with other products.
- Storage temperature :  $\geq 40$  °F

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

##### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Proprietary	21645-51-2	TWA (Respirable particulate matter)	1 mg/m <sup>3</sup>	ACGIH
		TWA (Respirable particulate matter)	1 mg/m <sup>3</sup>	ACGIH
Limestone	1317-65-3	TWA (Respirable)	5 mg/m <sup>3</sup>	NIOSH REL
		TWA (total)	10 mg/m <sup>3</sup>	NIOSH REL
		TWA (Respirable)	5 mg/m <sup>3</sup>	NIOSH REL
		TWA (total)	10 mg/m <sup>3</sup>	NIOSH REL
		TWA	5 mg/m <sup>3</sup>	NIOSH REL

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		(Respirable)		
		TWA (total)	10 mg/m <sup>3</sup>	NIOSH REL
		TWA (total dust)	15 mg/m <sup>3</sup>	OSHA Z-1
		TWA (respirable fraction)	5 mg/m <sup>3</sup>	OSHA Z-1
		TWA (Total)	15 mg/m <sup>3</sup>	OSHA P0
		TWA (Respirable fraction)	5 mg/m <sup>3</sup>	OSHA P0
		TWA (Total dust)	15 mg/m <sup>3</sup>	OSHA P0
		TWA (respirable dust fraction)	5 mg/m <sup>3</sup>	OSHA P0
Titanium dioxide	13463-67-7	TWA	10 mg/m <sup>3</sup>	ACGIH
		TWA (total dust)	15 mg/m <sup>3</sup>	OSHA Z-1
		TWA (Total)	10 mg/m <sup>3</sup>	OSHA P0
		TWA (Total dust)	10 mg/m <sup>3</sup>	OSHA P0
Cellulose	9004-34-6	TWA	10 mg/m <sup>3</sup>	ACGIH
		TWA (total dust)	15 mg/m <sup>3</sup>	OSHA Z-1
		TWA (respirable fraction)	5 mg/m <sup>3</sup>	OSHA Z-1
		TWA (Total)	15 mg/m <sup>3</sup>	OSHA P0
		TWA (Respirable fraction)	5 mg/m <sup>3</sup>	OSHA P0
		TWA (Total dust)	15 mg/m <sup>3</sup>	OSHA P0
		TWA (respirable dust fraction)	5 mg/m <sup>3</sup>	OSHA P0
		PEL (Total dust)	10 mg/m <sup>3</sup>	CAL PEL
		PEL (respirable dust fraction)	5 mg/m <sup>3</sup>	CAL PEL
Limestone	1317-65-3	TWA (Respirable)	5 mg/m <sup>3</sup>	NIOSH REL
		TWA (total)	10 mg/m <sup>3</sup>	NIOSH REL
		TWA (Respirable)	5 mg/m <sup>3</sup>	NIOSH REL
		TWA (total)	10 mg/m <sup>3</sup>	NIOSH REL
		TWA	5 mg/m <sup>3</sup>	NIOSH REL

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		(Respirable)		
		TWA (total)	10 mg/m <sup>3</sup>	NIOSH REL
		TWA (total dust)	15 mg/m <sup>3</sup>	OSHA Z-1
		TWA (respirable fraction)	5 mg/m <sup>3</sup>	OSHA Z-1
		TWA (Total)	15 mg/m <sup>3</sup>	OSHA P0
		TWA (Respirable fraction)	5 mg/m <sup>3</sup>	OSHA P0
		TWA (Total dust)	15 mg/m <sup>3</sup>	OSHA P0
		TWA (respirable dust fraction)	5 mg/m <sup>3</sup>	OSHA P0
Proprietary	21645-51-2	TWA (Respirable particulate matter)	1 mg/m <sup>3</sup>	ACGIH
		TWA (Respirable particulate matter)	1 mg/m <sup>3</sup>	ACGIH
Titanium dioxide	13463-67-7	TWA	10 mg/m <sup>3</sup>	ACGIH
		TWA (total dust)	15 mg/m <sup>3</sup>	OSHA Z-1
		TWA (Total)	10 mg/m <sup>3</sup>	OSHA P0
		TWA (Total dust)	10 mg/m <sup>3</sup>	OSHA P0
Cellulose	9004-34-6	TWA	10 mg/m <sup>3</sup>	ACGIH
		TWA (total dust)	15 mg/m <sup>3</sup>	OSHA Z-1
		TWA (respirable fraction)	5 mg/m <sup>3</sup>	OSHA Z-1
		TWA (Total)	15 mg/m <sup>3</sup>	OSHA P0
		TWA (Respirable fraction)	5 mg/m <sup>3</sup>	OSHA P0
		TWA (Total dust)	15 mg/m <sup>3</sup>	OSHA P0
		TWA (respirable dust fraction)	5 mg/m <sup>3</sup>	OSHA P0
		PEL (Total dust)	10 mg/m <sup>3</sup>	CAL PEL
		PEL (respirable dust fraction)	5 mg/m <sup>3</sup>	CAL PEL

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Quartz (SiO <sub>2</sub> )	14808-60-7	TWA (Respirable particulate matter)	0.025 mg/m <sup>3</sup>	ACGIH
		TWA (total dust)	30 mg/m <sup>3</sup> / %SiO <sub>2</sub> +2	OSHA Z-3
		TWA (respirable)	10 mg/m <sup>3</sup> / %SiO <sub>2</sub> +2	OSHA Z-3
		TWA (respirable)	250 mppcf / %SiO <sub>2</sub> +5	OSHA Z-3
		TWA (Respirable fraction)	0.1 mg/m <sup>3</sup>	OSHA P0
		TWA (Respirable dust)	0.05 mg/m <sup>3</sup>	OSHA Z-1
		PEL (Respirable dust)	0.05 mg/m <sup>3</sup>	CAL PEL
		TWA (respirable dust fraction)	0.1 mg/m <sup>3</sup>	OSHA P0

**Personal protective equipment**

Respiratory protection : No personal respiratory protective equipment normally required.  
 In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection

Material : Nitrile rubber

Remarks : For prolonged or repeated contact use protective gloves.

Eye protection : Safety glasses

Protective measures : No special protective equipment required.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : liquid  
 liquid  
 Color : white  
 white  
 Odor : sweet  
 sweet  
 Odor Threshold : no data available

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Melting point/freezing point	: 32 °F
Boiling point/boiling range	: 212 °F
Flash point	: Not applicable
Evaporation rate	: is not determined
Flammability (solid, gas)	: Not classified as a flammability hazard
Upper explosion limit	: Upper flammability limit is not determined
Lower explosion limit	: Lower flammability limit is not determined
Vapor pressure	: is not determined
Relative vapor density	: is not determined
Density	: 11.2 lb/gal 11.3 lb/gal
Solubility(ies)	
Water solubility	: dispersible
Partition coefficient: n-octanol/water	: no data available
Autoignition temperature	: is not determined
VOC, less water, in g/l	: 1

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**SECTION 10. STABILITY AND REACTIVITY**

Chemical stability	: The product is chemically stable.
Possibility of hazardous reactions	: Hazardous polymerization does not occur.
Hazardous decomposition products	: Stable under normal conditions.

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**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity****Product:**

Acute oral toxicity	: Acute toxicity estimate : > 5,000 mg/kg Method: Calculation method
Acute inhalation toxicity	: Acute toxicity estimate : > 200 mg/l Exposure time: 4 Hours Test atmosphere: dust/mist

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Method: Calculation method

Acute toxicity estimate : > 200 mg/l  
Exposure time: 4 Hours  
Test atmosphere: dust/mist  
Method: Calculation method**Components:****Cellulose:**Acute inhalation toxicity : LC50 Rat: > 5.800 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist**Cellulose:**Acute inhalation toxicity : LC50 Rat: > 5.800 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist**Cellulose:**Acute inhalation toxicity : LC50 Rat: > 5.800 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitization**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

No data available

**Reproductive toxicity**

No data available

**STOT-single exposure**

No data available

**STOT-repeated exposure**

No data available

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**Aspiration toxicity**

No data available

**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential****Mobility in soil**

No data available

**Other adverse effects**

No data available

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues : To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.

The hazard and precautionary statements displayed on the label also apply to any residues left in the container.

**SECTION 14. TRANSPORT INFORMATION****International Regulations****UNRTDG**

Not regulated as a dangerous good

**IATA-DGR**

Not regulated as a dangerous good

**IMDG-Code**

Not regulated as a dangerous good

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**Domestic regulation**

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**49 CFR**

Not regulated as a dangerous good

**SECTION 15. REGULATORY INFORMATION****SARA 311/312 Hazards** : No SARA Hazards  
No SARA Hazards**SARA 302** : This material does not contain any components with a section 302  
EHS TPQ.This material does not contain any components with a section 302  
EHS TPQ.**SARA 313** : This material does not contain any chemical components with known  
CAS numbers that exceed the threshold (De Minimis) reporting levels  
established by SARA Title III, Section 313.This material does not contain any chemical components with known  
CAS numbers that exceed the threshold (De Minimis) reporting levels  
established by SARA Title III, Section 313.**Clean Air Act**This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean  
Air Act Section 112 (40 CFR 61).This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean  
Air Act Section 112 (40 CFR 61).**US State Regulations****California Prop 65** Please contact Supplier for more information.**The ingredients of this product are reported in the following inventories:****TSCA** All substances listed as active on the TSCA inventory**TSCA** All substances listed as active on the TSCA inventory**DSL** All components of this product are on the Canadian DSL**DSL** All components of this product are on the Canadian DSL**KECI** On the inventory, or in compliance with the inventory

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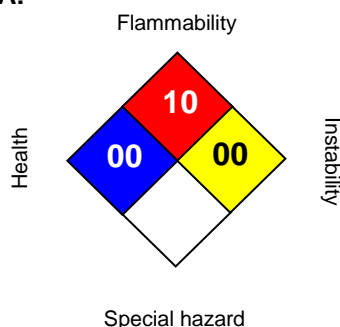
**Inventories Legend** TSCA (USA), DSL (Canada), REACH(Europe), AIC (Australia), NZIoC (New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (China), TWINV (Taiwan)

#### SECTION 16. OTHER INFORMATION

Prepared by: Global Regulatory Office - phone: 1-651-236-5842 - email: msds.request@hbfuller.com

##### Further information

##### NFPA:



##### HMIS III:

<b>HEALTH</b>	<b>00/</b>
<b>FLAMMABILITY</b>	<b>10</b>
<b>PHYSICAL HAZARD</b>	<b>00</b>

0 = not significant, 1 =Slight,  
 2 = Moderate, 3 = High  
 4 = Extreme, \* = Chronic

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