



## SAFETY DATA SHEET

### Childers™ CHIL-PRUF™ CP-22

Version 1.0

Revision Date 11/12/2021

#### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Childers™ CHIL-PRUF™ CP-22  
Product code : 100000015403

##### Manufacturer or supplier's details

Company : H.B. Fuller Company  
Address : 1200 Willow Lake Boulevard  
Vadnais Heights, MN 55110  
Telephone : 1-888-423-8553

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 : Solvent based adhesive  
Restrictions on use : For industrial use only.

#### SECTION 2. HAZARDS IDENTIFICATION

##### Emergency Overview

Appearance	Pasty solid
Color	black
Odor	solvent

##### GHS Classification

Flammable liquids : Category 3  
Skin irritation : Category 2  
Eye irritation : Category 2A  
Germ cell mutagenicity : Category 1B  
Carcinogenicity : Category 1A

##### GHS label elements

Hazard pictograms :   

Signal Word : Danger



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#### Hazard Statements:

H226 Flammable liquid and vapor. H315 Causes skin irritation. H319 Causes serious eye irritation. H340 May cause genetic defects. H350 May cause cancer.

#### Precautionary Statements:

**Prevention:** P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P264 Wash skin thoroughly after handling. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:** P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308 + P313 IF exposed or concerned: Get medical advice/ attention. P332 + P313 If skin irritation occurs: Get medical advice/ attention. P337 + P313 If eye irritation persists: Get medical advice/ attention. P362 Take off contaminated clothing and wash before reuse. P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

**Storage:** P403 + P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.

**Disposal:** P501 Dispose of contents/ container to an approved waste disposal plant.

#### Potential Health Effects

#### Carcinogenicity:

<b>IARC</b>	Group 1: Carcinogenic to humans	
	Quartz (SiO <sub>2</sub> )	14808-60-7
	benzene	71-43-2
	Group 2A: Probably carcinogenic to humans	
	Asphalt, oxidized	64742-93-4
	Group 2B: Possibly carcinogenic to humans	
	Naphtha (petroleum), hydrotreated heavy	64742-48-9
<b>OSHA</b>	OSHA specifically regulated carcinogen	
	benzene	71-43-2
<b>NTP</b>	Known to be human carcinogen	
	Quartz (SiO <sub>2</sub> )	14808-60-7
	benzene	71-43-2



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

Substance / Mixture : Mixture

##### Hazardous ingredients

Chemical name	CAS-No.	Concentration [%]
Asphalt, oxidized	64742-93-4	20 - 30
3-(isodecyloxy)propylammonium acetate	28701-67-9	20 - 30
Naphtha (petroleum), hydrotreated heavy	64742-48-9	10 - 20
Quartz (SiO <sub>2</sub> )	14808-60-7	1 - 5
benzene	71-43-2	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.  
Get medical attention if irritation develops and persists.
- 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.  
If victim is fully conscious, give a cupful of water.  
Never give anything by mouth to an unconscious person.  
Obtain medical attention.

#### SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Specific hazards during fire fighting : Cool closed containers exposed to fire with water spray.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.



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#### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Remove all sources of ignition.  
Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. Refer to protective measures listed in sections 7 and 8.
- Environmental precautions : Prevent spreading over a wide area (e.g., by containment or oil barriers).
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Non-sparking tools should be used.

#### SECTION 7. HANDLING AND STORAGE

- Local/Total ventilation : Use only with adequate ventilation.
- Advice on safe handling : Avoid inhalation of vapor or mist.  
Do not use in areas without adequate ventilation.  
Keep away from fire, sparks and heated surfaces.  
Keep container closed when not in use.  
Take precautionary measures against static discharges.
- Conditions for safe storage : Take measures to prevent the build up of electrostatic charge.  
Use explosion-proof equipment.  
Keep containers tightly closed in a dry, cool and well-ventilated place.  
Keep away from sources of ignition - No smoking.  
Solvent vapors are heavier than air and may spread along floors.
- Materials to avoid : Strong oxidizing agents

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

##### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Naphtha (petroleum),	64742-48-9	TWA	500 ppm	OSHA Z-1



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hydrotreated heavy			2,000 mg/m3	
		TWA	400 ppm 1,600 mg/m3	OSHA P0
Quartz (SiO2)	14808-60-7	TWA (Respirable particulate matter)	0.025 mg/m3	ACGIH
		TWA (total dust)	30 mg/m3 / %SiO2+2	OSHA Z-3
		TWA (respirable)	10 mg/m3 / %SiO2+2	OSHA Z-3
		TWA (respirable)	250 mppcf / %SiO2+5	OSHA Z-3
		TWA (Respirable fraction)	0.1 mg/m3	OSHA P0
		TWA (Respirable dust)	0.05 mg/m3	OSHA Z-1
		PEL (Respirable dust)	0.05 mg/m3	CAL PEL
		TWA (respirable dust fraction)	0.1 mg/m3	OSHA P0
benzene	71-43-2	TWA	0.5 ppm	ACGIH
		STEL	2.5 ppm	ACGIH
		TWA	0.1 ppm	NIOSH REL
		ST	1 ppm	NIOSH REL
		TWA	10 ppm	OSHA Z-2
		CEIL	25 ppm	OSHA Z-2
		Peak	50 ppm	OSHA Z-2
		PEL	1 ppm	OSHA CARC
		STEL	5 ppm	OSHA CARC
		PEL	1 ppm	CAL PEL
		STEL	5 ppm	CAL PEL

**Engineering measures** : Use local exhaust ventilation or other engineering controls to minimize exposures.

**Personal protective equipment**

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Filter type : Organic vapor Type



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Hand protection Material	: Nitrile rubber
Eye protection	: Safety glasses with side-shields
Hygiene measures	: Avoid contact with skin, eyes and clothing. Provide adequate ventilation.

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#### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Pasty solid
Color	: black
Odor	: solvent
Odor Threshold	: No data available
pH	: Not applicable
Melting point/freezing point	: is not determined
Boiling point/boiling range	: is not determined
Flash point	: 37.8 °C Method: Cleveland open cup
Evaporation rate	: is not determined
Upper explosion limit	: Upper flammability limit is not determined
Lower explosion limit	: Lower flammability limit is not determined
Vapor pressure	: is not determined
Density	: 8.4 - 8.8 lb/gal
Solubility(ies) Water solubility	: is not determined
Partition coefficient: n- octanol/water	: No data available
Autoignition temperature	: is not determined
Viscosity Viscosity, kinematic	: is not determined

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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.

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Conditions to avoid : Heat, flames and sparks.  
Hazardous decomposition products : Stable under normal conditions.

#### SECTION 11. TOXICOLOGICAL INFORMATION

##### Acute toxicity

###### Product:

Acute oral toxicity : Acute toxicity estimate : 2,008 mg/kg  
Method: Calculation method

###### Components:

###### **benzene:**

Acute inhalation toxicity : LC50 Rat: 13050 ppm  
Exposure time: 4 h  
Test atmosphere: vapor

##### 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

##### Aspiration toxicity



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No data available

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Components:

#### **Asphalt, oxidized :**

Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (microalgae)): 56 mg/l  
Exposure time: 72 h  
Test Type: flow-through test

#### **Naphtha (petroleum), hydrotreated heavy :**

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 2,200 mg/l  
Exposure time: 96 h  
Test Method: static test

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia): 2.6 mg/l  
Exposure time: 96 h  
Test Method: static test

#### **benzene :**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 5.3 mg/l  
Exposure time: 96 h  
Test Method: flow-through test

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 8.76 - 15.6 mg/l  
Exposure time: 48 h  
Test Method: static test

Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (microalgae)): 29 mg/l  
Exposure time: 72 h  
Test Type: flow-through test

### Persistence and degradability

No data available

### Bioaccumulative potential

### Mobility in soil

No data available

### Other adverse effects

No data available





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#### SECTION 13. DISPOSAL CONSIDERATIONS

##### Disposal methods

Waste from residues : This product meets the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. It is ignitable waste class D001. Disposal via incineration is recommended. Consult your 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

##### 49 CFR

Not regulated as a dangerous good

#### SECTION 15. REGULATORY INFORMATION

**SARA 311/312 Hazards** : Flammable (gases, aerosols, liquids, or solids)  
Germ cell mutagenicity  
Carcinogenicity  
Skin corrosion or irritation  
Serious eye damage or eye irritation

**SARA 302** : This material does not contain any components with a section 302 EHS TPQ.



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#### SARA 313

: The following components are subject to reporting levels established by SARA Title III, Section 313:

benzene

71-43-2

#### Clean Air Act

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 112 (40 CFR 61):

benzene

71-43-2

#### US State Regulations

##### California Prop 65

Please contact Supplier for more information.

#### The ingredients of this product are reported in the following inventories:

**TCSI**

On the inventory, or in compliance with the inventory

**TSCA**

All substances listed as active on the TSCA inventory

**AIIC**

On the inventory, or in compliance with the inventory

**DSL**

All components of this product are on the Canadian DSL

**ENCS**

On the inventory, or in compliance with the inventory

**KECI**

On the inventory, or in compliance with the inventory

**PICCS**

On the inventory, or in compliance with the inventory

**IECSC**

On the inventory, or in compliance with the inventory

**NZIoC**

On the inventory, or in compliance with the inventory

**Inventories Legend**TSCA (USA), DSL (Canada), REACH(Europe), AIIC (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](mailto:msds.request@hbfuller.com)



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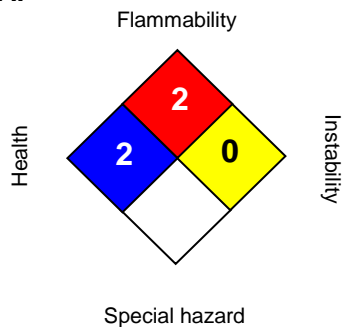
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#### Further information

##### NFPA:



##### HMIS III:

<b>HEALTH</b>	<b>2*</b>
<b>FLAMMABILITY</b>	<b>2</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

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

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