

## Childers™ CHIL-PERM® CP-30 LO

Version 1.0 Revision Date 12/22/2020

#### **SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : Childers™ CHIL-PERM® CP-30 LO

Product code : 100000014980

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 : Solvent based sealant

Restrictions on use : For industrial use only.

#### **SECTION 2. HAZARDS IDENTIFICATION**

#### **Emergency Overview**

Appearance	liquid
Color	white
Odor	solvent

## **GHS Classification**

Flammable liquids : Category 3
Skin sensitization : Category 1
Carcinogenicity : Category 2
Aspiration hazard : Category 1

**GHS** label elements

Hazard pictograms :





Signal Word : Danger

## **Hazard Statements:**

H226 Flammable liquid and vapor. H304 May be fatal if swallowed and enters airways. H317 May



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cause an allergic skin reaction. H351 Suspected of causing 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. P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. P272 Contaminated work clothing must not be allowed out of the workplace. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:** P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. P308 + P313 IF exposed or concerned: Get medical advice/ attention. P331 Do NOT induce vomiting. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P363 Wash contaminated clothing 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:

**IARC** Group 2B: Possibly carcinogenic to humans

Paraffin waxes and 63449-39-8

Hydrocarbon waxes, chloro

titanium dioxide 13463-67-7

cumene 98-82-8

diantimony trioxide 1309-64-4

ethylbenzene 100-41-4

naphthalene 91-20-3

OSHA No component of this product present at levels greater than or

equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP Reasonably anticipated to be a human carcinogen

Paraffin waxes and 63449-39-8

Hydrocarbon waxes, chloro

cumene 98-82-8

naphthalene 91-20-3

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



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Substance / Mixture : Mixture

## **Hazardous ingredients**

Chemical name	CAS-No.	Concentration [%]
Stoddard solvent	8052-41-3	30 - 50
calcium sulfate	7778-18-9	10 - 20
aluminium hydroxide	21645-51-2	10 - 20
Paraffin waxes and Hydrocarbon waxes, chloro	63449-39-8	5 - 10
Talc Non-Fibrous	14807-96-6	1 - 5
titanium dioxide	13463-67-7	1 - 5
trimethylbenzene	25551-13-7	1 - 5
1,2,4-trimethylbenzene	95-63-6	1 - 5
Rosin	8050-09-7	0.1 - 1
cumene	98-82-8	0.1 - 1
diantimony trioxide	1309-64-4	0.1 - 1
tris(nonylphenyl) phosphite	26523-78-4	0.1 - 1
ethylbenzene	100-41-4	0.1 - 1
naphthalene	91-20-3	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 : Cool closed containers exposed to fire with water spray.



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fighting

Special protective equipment

for fire-fighters

: In the event of fire, wear self-contained breathing apparatus.

Use personal protective equipment.

#### **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	Control parameters /	Basis
_					



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		exposure)	Permissible	
		. ,	concentration	
Stoddard solvent	8052-41-3	TWA	100 ppm	ACGIH
		TWA	350 mg/m3	NIOSH REL
		С	1,800 mg/m3	NIOSH REL
		TWA	500 ppm 2,900 mg/m3	OSHA Z-1
		TWA	100 ppm 525 mg/m3	OSHA P0
calcium sulfate	7778-18-9	TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (Total)	15 mg/m3	OSHA P0
		TWA (Respirable fraction)	5 mg/m3	OSHA P0
		TWA (Inhalable particulate matter)	10 mg/m3	ACGIH
		TWA (Total dust)	15 mg/m3	OSHA P0
		TWA (respirable dust fraction)	5 mg/m3	OSHA P0
		PEL (Total dust)	10 mg/m3	CAL PEL
		PEL (respirable dust fraction)	5 mg/m3	CAL PEL
		TWA (Inhalable particulate matter)	10 mg/m3	ACGIH
aluminium hydroxide	21645-51-2	TWA (Respirable particulate matter)	1 mg/m3	ACGIH
		TWA (Respirable particulate matter)	1 mg/m3	ACGIH
Talc Non-Fibrous	14807-96-6	TWA (Dust)	20 Million particles per cubic foot	OSHA Z-3
		TWA (Respirable fraction)	2 mg/m3	OSHA P0



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		TWA (Respirable particulate matter)	2 mg/m3	ACGIH
		TWA (respirable dust fraction)	2 mg/m3	OSHA P0
titanium dioxide	13463-67-7	TWA	10 mg/m3	ACGIH
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (Total)	10 mg/m3	OSHA P0
		TWA (Total dust)	10 mg/m3	OSHA P0
trimethylbenzene	25551-13-7	TWA	25 ppm	ACGIH
		TWA	25 ppm 125 mg/m3	OSHA P0
cumene	98-82-8	TWA	50 ppm	ACGIH
		TWA	50 ppm 245 mg/m3	NIOSH REL
		TWA	50 ppm 245 mg/m3	OSHA Z-1
		TWA	50 ppm 245 mg/m3	OSHA P0
		PEL	50 ppm 245 mg/m3	CAL PEL
diantimony trioxide	1309-64-4	TWA	0.5 mg/m3	OSHA Z-1
		TWA	0.5 mg/m3	OSHA P0
		TWA	0.5 mg/m3	ACGIH
ethylbenzene	100-41-4	TWA	20 ppm	ACGIH
		STEL	125 ppm	ACGIH
		TWA	100 ppm 435 mg/m3	OSHA Z-1
		TWA	100 ppm 435 mg/m3	OSHA P0
		STEL	125 ppm 545 mg/m3	OSHA P0
		PEL	5 ppm 22 mg/m3	CAL PEL
		STEL	30 ppm 130 mg/m3	CAL PEL
naphthalene	91-20-3	TWA	10 ppm	ACGIH
		STEL	15 ppm	ACGIH
		TWA	10 ppm 50 mg/m3	NIOSH REL
		ST	15 ppm 75 mg/m3	NIOSH REL
		TWA	10 ppm 50 mg/m3	OSHA Z-1
		TWA	10 ppm	OSHA P0



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	50 mg/m3	
STEL	15 ppm 75 mg/m3	OSHA P0
PEL	0.1 ppm 0.5 mg/m3	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

Hand protection

Material : Nitrile rubber

Eye protection : Safety glasses with side-shields

Hygiene measures : Avoid contact with skin, eyes and clothing.

Provide adequate ventilation.

#### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : liquid Color : white Odor : solvent

Odor Threshold : No data available

Melting point/freezing point : is not determined

Boiling point/boiling range : is not determined

Flash point : 38 °CMethod: Pensky-Martens closed cup

Evaporation rate : is not determined
Upper explosion limit : Upper flammability limit is not determined

La configuração de Part

Lower explosion limit : Lower flammability limit

is not determined

Density : 9.3 - 9.9 lb/gal

Solubility(ies)

Water solubility : is not determined
Partition coefficient: n- : No data available

octanol/water



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Autoignition temperature : is not determined

Viscosity

Viscosity, kinematic : is not determined

VOC, less water, in g/l : 469

#### **SECTION 10. STABILITY AND REACTIVITY**

Chemical stability : The product is chemically stable.

Possibility of hazardous

reactions

: Hazardous polymerization does not occur.

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 : > 5,000 mg/kg

Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate : > 200 mg/l

Exposure time: 4 h
Test atmosphere: vapor
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate : > 5,000 mg/kg

Method: Calculation method

**Components:** 

1,2,4-trimethylbenzene:

Acute oral toxicity : LD50 Oral Rat: 3,400 mg/kg

Acute inhalation toxicity : LC50 Rat: 18 mg/l

Exposure time: 4 h
Test atmosphere: vapor

Acute dermal toxicity : LD50 Dermal Rabbit: > 3,160 mg/kg

cumene:



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Acute oral toxicity : LD50 Oral Rat: 1,400 mg/kg

ethylbenzene:

Acute oral toxicity : LD50 Oral Rat: 3,500 mg/kg

Acute inhalation toxicity : LC50 Rat: 17.2 mg/l

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** 

No data available

#### **SECTION 12. ECOLOGICAL INFORMATION**

#### **Ecotoxicity**

Components: calcium sulfate :

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 1,970 mg/l

Exposure time: 96 h Test Method: static test



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Paraffin waxes and Hydrocarbon waxes, chloro:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 0.0109 mg/l

Exposure time: 96 h

Test Method: flow-through test

1,2,4-trimethylbenzene:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 7.19 - 8.28

mg/l

Exposure time: 96 h

Test Method: flow-through test

Toxicity to daphnia and other

aquatic invertebrates

: EC50 (Daphnia magna (Water flea)): 6.14 mg/l

Exposure time: 48 h

Test Method: static test

Rosin:

Toxicity to daphnia and other

aquatic invertebrates

: EC50 (Daphnia magna (Water flea)): 3.8 - 5.4 mg/l

Exposure time: 48 h Test Method: static test

cumene:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 2.7 mg/l

Exposure time: 96 h

Test Method: semi-static test

Toxicity to daphnia and other

aquatic invertebrates

: EC50 (Daphnia magna (Water flea)): 0.6 mg/l

Exposure time: 48 h Test Method: static test

Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (microalgae)): 2.6 mg/l

Exposure time: 72 h

Test Type: flow-through test

diantimony trioxide:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 80 mg/l

Exposure time: 96 h Test Method: static test

Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (microalgae)): 0.63 -

0.8 mg/l

Exposure time: 72 h

Test Type: flow-through test

tris(nonylphenyl) phosphite:

Toxicity to fish : LC50 (Brachydanio rerio (zebrafish)): 10 mg/l

Exposure time: 96 h
Test Method: static test



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Toxicity to daphnia and other

aquatic invertebrates

: EC50 (Daphnia magna (Water flea)): 0.42 mg/l

Exposure time: 48 h Test Method: static test

naphthalene:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 0.91 - 2.82 mg/l

Exposure time: 96 h Test Method: static test

Toxicity to daphnia and other

aquatic invertebrates

: EC50 (Daphnia magna (Water flea)): 1.09 - 3.4 mg/l

Exposure time: 48 h Test Method: static test

Toxicity to algae : EC50 (Skeletonema costatum (marine diatom)): 0.4 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

#### **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**

#### Special precautions for user

Not applicable



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## **Domestic regulation**

**49 CFR** 

UN/ID/NA number : 1139

Proper shipping name : Coating solution

Class : 3 : III Packing group : 3 Labels **ERG Code** : 127 Marine pollutant : no

## **International Regulations**

IATA-DGR

UN/ID No. : 1139

Proper shipping name : Coating solution

Packing group : 111 Labels : 3

Packing instruction : Transport forbidden

(passenger aircraft)

**IMDG-Code** 

**UN** number : 1139

Proper shipping name : COATING SOLUTION

Class : 3 : 111 Packing group Labels : 3

: F-E, <u>S-E</u> EmS Code

Marine pollutant

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

Not applicable for product as supplied.

#### **SECTION 15. REGULATORY INFORMATION**

SARA 311/312 Hazards Flammable (gases, aerosols, liquids, or solids)

Respiratory or skin sensitization

Aspiration hazard Carcinogenicity

**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:

 1,2,4-trimethylbenzene
 95-63-6

 cumene
 98-82-8

 ethylbenzene
 100-41-4

 naphthalene
 91-20-3

#### Clean Air Act

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

cumene98-82-8diantimony trioxide1309-64-4ethylbenzene100-41-4naphthalene91-20-3

#### **US State Regulations**

California Prop 65 Please contact Supplier for more information.

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

All substances listed as active on the TSCA inventory

All components of this product are on the Canadian DSL

AICS
On the inventory, or in compliance with the inventory

ENCS
On the inventory, or in compliance with the inventory

KECI
On the inventory, or in compliance with the inventory

On the inventory, or in compliance with the inventory

IECSC
On the inventory, or in compliance with the inventory

Inventories LegendTSCA (USA), DSL (Canada), REACH(Europe), AICS (Australia), NZIoC (New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (China), TWINV (Taiwan)

#### **SECTION 16. OTHER INFORMATION**

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

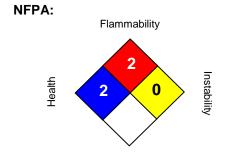


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#### **Further information**



Special hazard

#### HMIS III:

HEALTH	3*
FLAMMABILITY	2
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,

2 = Moderate, 3 = High 4 = Extreme, \* = Chronic

The information and recommendations set forth herein are believed to be accurate. Because some of the information is derived from information provided to the H.B. Fuller Company from its suppliers, and because the H.B. Fuller Company has no control over the conditions of handling and use, the H.B. Fuller Company makes no warranty, expressed or implied, regarding the accuracy of the data or the results to be obtained from the use thereof. The information is supplied solely for your information and consideration, and the H.B. Fuller Company assumes no responsibility for use or reliance thereon. It is the responsibility of the user of H.B. Fuller Company products to comply with all applicable federal, state and local laws and regulations.