

**SAFETY DATA SHEET****Foster® 85-40 Canister**

Version 1.0

Revision Date 08/20/2025

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : Foster® 85-40 Canister  
Product code : 100000035245

**Manufacturer or supplier's details**

Company : H.B. Fuller Company  
Address : 1200 Willow Lake Boulevard  
Vadnais Heights, MN 55110  
Telephone : 1-651-236-5842

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 : Adhesive  
Restrictions on use : For industrial use only.

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

Appearance	Chemicals under pressure
Color	natural color
Odor	characteristic

**GHS Classification**

Chemicals under pressure : Category 2  
Skin irritation : Category 2  
Specific target organ toxicity - single exposure : Category 3 (Central nervous system)  
Aspiration hazard : Category 1

**GHS label elements**

Hazard pictograms :



Signal Word : Danger

**Hazard Statements:**

H283 Flammable chemical under pressure: May explode if heated. H304 May be fatal if

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swallowed and enters airways. H315 Causes skin irritation. H336 May cause drowsiness or dizziness.

**Precautionary Statements:**

**Prevention:** P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P261 Avoid breathing mist or vapors. P264 Wash skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves.

**Response:** P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P302 + P352 IF ON SKIN: Wash with plenty of water. P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. P331 Do NOT induce vomiting. P332 + P313 If skin irritation occurs: Get medical advice/ attention. P362 + P364 Take off contaminated clothing and wash it before reuse. P376 Stop leak if safe to do so. P381 In case of leakage, eliminate all ignition sources.

**Storage:** P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P410 + P403 Protect from sunlight. Store in a well-ventilated place.

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

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

Group 2B: Possibly carcinogenic to humans  
Hydrocarbons, C6, isoalkanes, < 64742-49-0  
5 % n-hexane

**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**

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.

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

Substance / Mixture : Mixture

**Hazardous ingredients**

Chemical name	CAS-No.	Concentration [%]
Hydrocarbons, C6, isoalkanes, < 5 % n-hexane	64742-49-0	10 - 30
pentane	109-66-0	10 - 30
carbon dioxide	124-38-9	3 - 7
acetone	67-64-1	1 - 5

**SECTION 4. FIRST AID MEASURES**

General advice : If on clothes, remove clothes.  
Show this material safety data sheet to the doctor in attendance.  
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the

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	accident.
If inhaled	: Remove person to fresh air. If signs/symptoms continue, get medical attention. If breathing has stopped, apply artificial respiration. In case of unconsciousness bring patient into stable side position for transport.
In case of skin contact	: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Call a physician if irritation develops or 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 accidentally swallowed obtain immediate medical attention.
Most important symptoms and effects, both acute and delayed	: May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness.
Notes to physician	: No further relevant information available.

**SECTION 5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water mist Dry powder Carbon dioxide (CO <sub>2</sub> ) Alcohol-resistant foam
Unsuitable extinguishing media	: Do NOT use water jet.
Specific hazards during fire fighting	: May release toxic, irritating and/or corrosive gases. In case of fire, the following substance(s) may occur: Carbon monoxide
Specific extinguishing methods	:
Further information	: In the event of fire, wear self-contained breathing apparatus. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
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,<br>protective equipment and<br>emergency procedures | : Remove all sources of ignition.<br>Use personal protective equipment.<br>Use breathing protection against the effects of<br>fumes/dust/aerosol.<br>Evacuate personnel to safe areas.<br>Ensure adequate ventilation.  |
|   | : Refer to protective measures listed in sections 7 and 8.  |
| Environmental precautions   | : The product should not be allowed to enter drains, water<br>courses or the soil.<br>Prevent the material from reaching sewage system, holes and<br>cellars.<br><br>If the product contaminates rivers and lakes or drains inform<br>respective authorities.   |
| Methods and materials for<br>containment and cleaning up                  | : Soak up with inert absorbent material (e.g. sand, silica gel,<br>acid binder, universal binder, sawdust).<br>Non-sparking tools should be used.<br>Ensure adequate ventilation.<br>Send for recovery or disposal in suitable containers.<br><br>Dispose of contaminated material as waste according to<br>section 13. |

**SECTION 7. HANDLING AND STORAGE**

- |                         |   |
|-------------------------|---|
| Local/Total ventilation | : Use only with adequate ventilation.   |
| Advice on safe handling | : Avoid formation of dust and aerosols.<br>Take note of emission threshold.<br>Use solvent-proof equipment.<br>Ensure that suitable extractors are available on processing<br>machines.<br>Handle with care.<br>Keep eye wash bottle available on working place.<br>Avoid release to the environment.<br>Keep out of reach of children.<br>Pressurized container: protect from sunlight and do not<br>expose to temperatures exceeding 50 °C. Do not pierce or<br>burn, even after use.<br>Do not spray on an open flame or other ignition source.<br>Do not spray on an open flame or any incandescent material.<br>Keep away from sources of ignition - No smoking. Keep away<br>from children. |

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Conditions for safe storage : Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.  
Keep tightly closed in a dry, cool and well-ventilated place.  
Protect against light.

Materials to avoid : Do not store together with oxidizing and self-igniting products.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Hydrocarbons, C6, isoalkanes, < 5 % n-hexane	64742-49-0	TWA	500 ppm 2,000 mg/m3	OSHA Z-1
		TWA	400 ppm 1,600 mg/m3	OSHA P0
		TWA (Mist)	5 mg/m3	OSHA Z-1
		TWA (Mist)	5 mg/m3	OSHA P0
		TWA (Mist)	5 mg/m3	NIOSH REL
		ST (Mist)	10 mg/m3	NIOSH REL
		PEL (particulate)	5 mg/m3	CAL PEL
pentane	109-66-0	C	610 ppm 1,800 mg/m3	NIOSH REL
		TWA	120 ppm 350 mg/m3	NIOSH REL
		TWA	1,000 ppm 2,950 mg/m3	OSHA Z-1
		TWA	600 ppm 1,800 mg/m3	OSHA P0
		STEL	750 ppm 2,250 mg/m3	OSHA P0
		PEL	600 ppm 1,800 mg/m3	CAL PEL
		TWA	1,000 ppm	ACGIH
carbon dioxide	124-38-9	TWA	5,000 ppm	ACGIH
		STEL	30,000 ppm	ACGIH
		TWA	5,000 ppm 9,000 mg/m3	OSHA Z-1
		TWA	10,000 ppm 18,000 mg/m3	OSHA P0
		STEL	30,000 ppm 54,000 mg/m3	OSHA P0
		PEL	5,000 ppm	CAL PEL

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			9,000 mg/m3	
		STEL	30,000 ppm 54,000 mg/m3	CAL PEL
acetone	67-64-1	TWA	250 ppm	ACGIH
		STEL	500 ppm	ACGIH
		TWA	1,000 ppm 2,400 mg/m3	OSHA Z-1
		TWA	750 ppm 1,800 mg/m3	OSHA P0
		STEL	1,000 ppm 2,400 mg/m3	OSHA P0
		STEL	750 ppm 1,780 mg/m3	CAL PEL
		C	3,000 ppm	CAL PEL
		PEL	500 ppm 1,200 mg/m3	CAL PEL

**Engineering measures** : Please take note of national and local requirements.

#### Personal protective equipment

**Respiratory protection** : Use respiratory protection unless adequate risk management measures (exhaust/ ventilation) are provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.  
In case of brief exposure or low pollution (exceeding of TLV) use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.  
Ensure that suitable extractors are available on processing machines.

**Filter type** : Combined particulates and organic vapor type or equipment with better protection

**Hand protection**

**Material**

**Remarks**

: Nitrile rubber or equipment with better protection  
: Direct contact with the product must be avoided by organizational measures.

The glove material has to be impermeable and resistant to the product/the substance/the preparation.

The exact break through time can be obtained from the protective glove producer and this has to be observed.

The gloves need to be disposed after the penetration time and replaced by new ones.

Apply skin protectant before working with gloves to avoid skin swellings and use a skin cleansing and skincare product after

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the work.

**For the permanent contact gloves made of the following materials are suitable:**

If longer exposure to the chemical preparation is necessary, a sturdy overglove against mechanical strain is recommended in combination with the Barrier 02-100 underglove from Ansell or other suppliers (penetration time: 480 min).

**For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**

Butyl rubber (minimum thickness: 0.7 mm; penetration time: 15 min)

**As protection from splashes gloves made of the following materials are suitable:**

Nitril (minimum thickness 0.12 mm), Disposable gloves with long cuffs

After contact with the chemical preparation, take the disposable nitrile glove off immediately and put on a new disposable nitrile glove.

Eye protection	: Tightly fitting safety goggles or equipment with better protection
Skin and body protection	: Protective clothing
Protective measures	: Keep away from food, drink and animal feeding stuffs. Instantly remove any soiled and impregnated garments. Wash hands before breaks and immediately after handling the product. Avoid contact with the eyes and skin. Store protective clothing separately.  Wear suitable protective clothing.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	: Chemicals under pressure
Color	: natural color
Odor	: characteristic
Odor Threshold	: is not determined
pH	: is not determined is not determined
Melting point/freezing point	: is not determined

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Boiling point/boiling range	: -25 °C
Flash point	: < -41 °C
Evaporation rate	: is not determined
Upper explosion limit	: 27 %(V)
Lower explosion limit	: 3 %(V)
Relative vapor density	: is not determined
Density	: 0.74 g/cm3
Solubility(ies)	
Water solubility	: not miscible or difficult to mix
Partition coefficient: n-octanol/water	: no data available
Autoignition temperature	: is not determined
Thermal decomposition	: Not applicable
Viscosity	
Viscosity, kinematic	: > 20.5 mm2/s (40 °C)
Explosive properties	: Product is not explosive. However, formation of explosive vapor/air mixtures is possible.

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	: No further relevant information available.
Chemical stability	: No decomposition if used according to the specifications.
Possibility of hazardous reactions	: Develops readily flammable vapors/fumes.
Conditions to avoid	: Heat may lead to dangerous pressure build-up in sealed container.
Incompatible materials	: No further relevant information available.
Hazardous decomposition products	: No decomposition if stored and applied as directed.

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

No data available

**Skin corrosion/irritation**

No data available



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**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:****pentane :**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 9.87 mg/l  
Exposure time: 96 h  
Test Method: static test

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 9.74 mg/l  
aquatic invertebrates Exposure time: 48 h  
Test Method: static test

**Persistence and degradability**

No data available

**Bioaccumulative potential****Components:****Hydrocarbons, C6, isoalkanes, < 5 % n-hexane :**

Partition coefficient: n- : log Pow: 2.2 - 6.1 (23 °C)  
octanol/water pH: 6.2  
GLP: yes

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**acetone :**

Partition coefficient: n-octanol/water : log Pow: -0.24

**Mobility in soil****Product:**Mobility : Medium: Soil  
Remarks: Do not allow product to reach ground water, water bodies or sewage system.**Other adverse effects**

No data available

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**Waste from residues : Do not dispose of together with household waste.  
Do not dispose of waste into sewer.  
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. Disposal via incineration at an approved facility is recommended, as industry best practice. Consult state, local or provincial authorities for more restrictive requirements.

Contaminated packaging : Disposal must be made according to official regulations.

**SECTION 14. TRANSPORT INFORMATION****International Regulations****IATA-DGR**UN/ID No. : UN 3501  
Proper shipping name : Chemical under pressure, flammable, n.o.s.  
(Dimethyl ether, Hydrocarbons, C6, isoalkanes, <5% n-hexane)  
Class : 2.1  
Packing group : Not assigned by regulation  
Labels : Flammable Gas  
Packing instruction (cargo aircraft) : 218  
Packing instruction (passenger aircraft) : Not permitted for transport**IMDG-Code**UN number : UN 3501  
Proper shipping name : CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.

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(DIMETHYL ETHER, Hydrocarbons, C6, isoalkanes, <5% n-hexane)

Class	: 2.1
Packing group	: Not assigned by regulation
Labels	: 2.1
EmS Code	: <u>F-D</u> , <u>S-U</u>
Marine pollutant	: yes

**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**

UN/ID/NA number	: UN 3501
Proper shipping name	: Chemical under pressure, flammable, n.o.s.

Class	: 2.1
Packing group	: Not assigned by regulation
Labels	: FLAMMABLE GAS
ERG Code	: 115
Marine pollutant	: no

**Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

**SECTION 15. REGULATORY INFORMATION**

<b>SARA 311/312 Hazards</b>	: Flammable (gases, aerosols, liquids, or solids) Skin corrosion or irritation Specific target organ toxicity (single or repeated exposure) Aspiration hazard
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<b>SARA 302</b>	: This material does not contain any components with a section 302 EHS TPQ.
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<b>SARA 313</b>	: 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.
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**Clean Air Act**

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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:

<b>TCSI</b>	On the inventory, or in compliance with the inventory
<b>TSCA</b>	All substances listed as active on the TSCA inventory
<b>AIIC</b>	On the inventory, or in compliance with the inventory
<b>DSL</b>	All components of this product are on the Canadian DSL
<b>ENCS</b>	On the inventory, or in compliance with the inventory
<b>KECI</b>	On the inventory, or in compliance with the inventory
<b>PICCS</b>	On the inventory, or in compliance with the inventory
<b>IECSC</b>	On the inventory, or in compliance with the inventory
<b>REACH</b>	On the inventory, or in compliance with the inventory

Please reach out to H.B. Fuller for further information regarding chemical inventories not listed above.

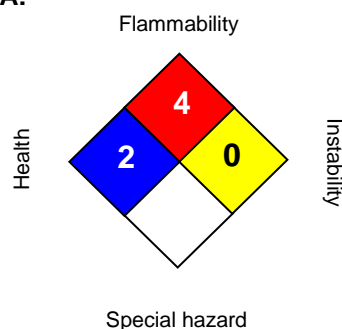
**Inventories Legend** TSCA (USA), DSL (Canada), REACH(Europe), AIIC (Australia), NZIoC (New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (China), TWINV (Taiwan)

## SECTION 16. OTHER INFORMATION

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

#### Further information

##### NFPA:



##### HMIS III:

<b>HEALTH</b>	<b>3/</b>
<b>FLAMMABILITY</b>	<b>4</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

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

This material safety datasheet only contains information relating to safety and does not replace any product information or product specification.

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.

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