



H.B. Fuller



H.B. Fuller Company
1200 Willow Lake Blvd.
Saint Paul, MN 55110

February 23rd, 2021

Dangerous Goods Additional Information

This material is classified as UN1133, Adhesives, 3, PGII based on the recorded flammability properties listed in section 9 of the attached SDS.

After further reviewing the physical properties of the adhesive, HB Fuller has determined that this material can be reclassified as **UN1133, Adhesives, 3, PGIII**, when shipped in containers of less than 30 L (7.9 US GAL). The applicable statutes for this reclassification are CFR § 173.121(b) for US ground shipments, IATA DG code § 3.3.3.1 for international air shipments, and IMDG code § 2.3.2.3 for international sea shipments.

This information applies to the attached product manufactured in North America. If you have any questions or require additional information, please email your questions MSDS.Request@hbfuller.com.

Disclaimer

Users should consider this regulatory information provided only as a supplement to other information, such as the Technical or Material Safety Data Sheet. It is the responsibility of our customers to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. Because of possible changes in the laws and regulations, as well as possible changes in our products, we cannot guarantee that the status of these products will remain unchanged. Therefore, we recommend that customers continuing to use these products verify their status periodically. For additional information about these products, please contact your H.B. Fuller representative or visit our website at www.hbfuller.com.

SAFETY DATA SHEET**H.B. Fuller® SC-0639**

Version 1.4

Revision Date 02/12/2021

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : H.B. Fuller® SC-0639
Product code : 100000002618

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	liquid
Color	amber
Odor	solvent

GHS Classification

Flammable liquids : Category 2
Skin irritation : Category 2
Skin sensitization : Category 1
Germ cell mutagenicity : Category 1B
Carcinogenicity : Category 1B
Reproductive toxicity : Category 2
Specific target organ toxicity -
single exposure : Category 3 (Central nervous system)
Specific target organ toxicity -
repeated exposure : Category 2
Aspiration hazard : Category 1

GHS label elements

SAFETY DATA SHEET

H.B. Fuller® SC-0639

Version 1.4

Revision Date 02/12/2021

Hazard pictograms : 

Signal Word : Danger

Hazard Statements:

H225 Highly flammable liquid and vapor. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness. H340 May cause genetic defects. H350 May cause cancer. H361 Suspected of damaging fertility or the unborn child. H373 May cause damage to organs through prolonged or repeated exposure.

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. P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. P264 Wash skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. 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. P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. 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. 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 + P233 Store in a well-ventilated place. Keep container tightly closed. 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 During normal handling of the product, this substance is encapsulated within the product and will not present a cancer exposure risk.

Naphtha (petroleum), arom.- 68603-08-7
contg.

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.

SAFETY DATA SHEET**H.B. Fuller® SC-0639**

Version 1.4

Revision Date 02/12/2021

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

Chemical name	CAS-No.	Concentration [%]
n-hexane	110-54-3	30 - 50
Rosin	8050-09-7	5 - 10
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	1 - 5
calcium carbonate	471-34-1	1 - 5
Naphtha (petroleum), arom.-contg.	68603-08-7	1 - 5
methanol	67-56-1	0.1 - 1
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	0.1 - 1
tris(nonylphenyl) phosphite	26523-78-4	0.1 - 1

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.

SAFETY DATA SHEET
H.B. Fuller® SC-0639

Version 1.4

Revision Date 02/12/2021

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
n-hexane	110-54-3	TWA	50 ppm	ACGIH
		TWA	500 ppm 1,800 mg/m ³	OSHA Z-1
		TWA	50 ppm	OSHA P0

SAFETY DATA SHEET
H.B. Fuller® SC-0639

Version 1.4

Revision Date 02/12/2021

			180 mg/m ³	
		PEL	50 ppm 180 mg/m ³	CAL PEL
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	TWA (Mist)	5 mg/m ³	OSHA Z-1
		TWA (Inhalable particulate matter)	5 mg/m ³	ACGIH
		TWA	5 mg/m ³	OSHA P0
		TWA (Mist)	5 mg/m ³	OSHA P0
calcium carbonate	471-34-1	PEL (Total dust)	10 mg/m ³	CAL PEL
		PEL (respirable dust fraction)	5 mg/m ³	CAL PEL
Naphtha (petroleum), arom.-contg.	68603-08-7	TWA	500 ppm 2,000 mg/m ³	OSHA Z-1
		TWA	400 ppm 1,600 mg/m ³	OSHA P0
methanol	67-56-1	TWA	200 ppm	ACGIH
		STEL	250 ppm	ACGIH
		TWA	200 ppm 260 mg/m ³	OSHA Z-1
		STEL	250 ppm 325 mg/m ³	OSHA P0
		TWA	200 ppm 260 mg/m ³	OSHA P0
		C	1,000 ppm	CAL PEL
		PEL	200 ppm 260 mg/m ³	CAL PEL
		STEL	250 ppm 325 mg/m ³	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 : Solvent-resistant gloves

Eye protection : Safety glasses with side-shields

SAFETY DATA SHEET**H.B. Fuller® SC-0639**

Version 1.4

Revision Date 02/12/2021

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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid
Color : amber
Odor : solvent
Odor Threshold : No data available
Melting point/freezing point : is not determined
Boiling point/boiling range : is not determined
Flash point : 0 °F
Evaporation rate : is not determined
Upper explosion limit : Upper flammability limit
is not determined
Lower explosion limit : Lower flammability limit
is not determined
Density : 7.2 lb/gal
Solubility(ies)
Water solubility : is not determined
Partition coefficient: n-
octanol/water : No data available
Autoignition temperature : is not determined
Viscosity
Viscosity, dynamic : is not determined
Viscosity, kinematic : is not determined
Solid Content, % by weight: : 57 - 63

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**

SAFETY DATA SHEET**H.B. Fuller® SC-0639**

Version 1.4

Revision Date 02/12/2021

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:**n-hexane:**

Acute dermal toxicity : LD50 Dermal Rabbit: 3,000 mg/kg

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

SAFETY DATA SHEET

H.B. Fuller® SC-0639

Version 1.4

Revision Date 02/12/2021

Ecotoxicity

Components:**n-hexane :**

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 2.1 - 2.98 mg/l
Exposure time: 96 h
Test Method: flow-through 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

tris(nonylphenyl) phosphite :

Toxicity to fish : LC50 (Brachydanio rerio (zebrafish)): 10 mg/l
Exposure time: 96 h
Test Method: static test

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0.42 mg/l
Exposure time: 48 h
Test Method: static 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.

SAFETY DATA SHEET**H.B. Fuller® SC-0639**

Version 1.4

Revision Date 02/12/2021

SECTION 14. TRANSPORT INFORMATION**Special precautions for user**

Not applicable

Domestic regulation**49 CFR**

UN/ID/NA number : 1133
Proper shipping name : Adhesives
Class : 3
Packing group : II
Labels : 3
ERG Code : 128
Marine pollutant : no
Remarks : If less than 30L, packing group III applies.

International Regulations**IATA-DGR**

UN/ID No. : 1133
Proper shipping name : Adhesives
Packing group : II
Labels : 3
Packing instruction : Transport forbidden
(passenger aircraft)

IMDG-Code

UN number : 1133
Proper shipping name : ADHESIVES
Class : 3
Packing group : II
Labels : 3
EmS Code : F-E, S-D
Marine pollutant : no

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)
Skin corrosion or irritation
Respiratory or skin sensitization
Germ cell mutagenicity
Carcinogenicity

SAFETY DATA SHEET**H.B. Fuller® SC-0639**

Version 1.4

Revision Date 02/12/2021

Reproductive toxicity
Specific target organ toxicity (single or repeated exposure)
Aspiration hazard

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

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

n-hexane 110-54-3

Clean Air Act

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

n-hexane 110-54-3
methanol 67-56-1

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
DSL All components of this product are on the Canadian DSL
Inventories Legend TSCA (USA), DSL (Canada), REACH(Europe), AICS (Australia), NZIoC (New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (China), TWINV (Taiwan)

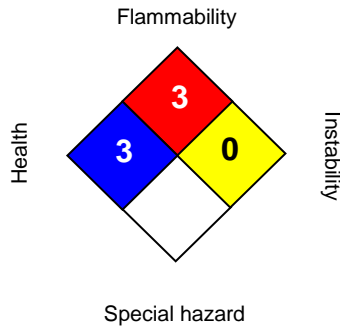
SECTION 16. OTHER INFORMATION

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

SAFETY DATA SHEET
H.B. Fuller® SC-0639

Version 1.4

Revision Date 02/12/2021

Further information
NFPA:

HMIS III:

HEALTH	3*
FLAMMABILITY	3
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.