



## SAFETY DATA SHEET

### Cyberbond™ 6010

Version 1.0

Revision Date 03/22/2019

#### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Cyberbond™ 6010  
Product code : 100000005195

##### Manufacturer or supplier's details

Company : H.B. Fuller Engineering Adhesives

Address : 9001 W Fey Drive  
Frankfort, IL, 60423

Telephone : 1-815-464-5606

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	colorless
Odor	solvent

##### GHS Classification

Flammable liquids : Category 2

Aspiration hazard : Category 1

##### GHS label elements

Hazard pictograms :



Signal Word :

Danger

##### Hazard Statements:

H225 Highly flammable liquid and vapor. H304 May be fatal if swallowed and enters airways.

##### Precautionary Statements:

**Prevention:** 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. P280 Wear protective gloves/ eye protection/ face protection.

**Response:** P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor. P303 +

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P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P331 Do NOT induce vomiting. 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

Distillates (petroleum), light 68410-97-9  
distillate hydrotreating process,  
low-boiling

###### 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 [%]
Distillates (petroleum), light distillate hydrotreating process, low-boiling	68410-97-9	90 - 100
cyclohexane	110-82-7	1 - 5
1,8-diazabicyclo[5.4.0]undec-7-ene	6674-22-2	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.<br>If symptoms persist, call a physician.  |
| In case of skin contact | : Wash off with soap and water.<br>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.<br>If victim is fully conscious, give a cupful of water.<br>Never give anything by mouth to an unconscious person.<br>Obtain medical attention. |

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**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.

**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**

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#### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Distillates (petroleum), light distillate hydrotreating process, low-boiling	68410-97-9	TWA	500 ppm 2,000 mg/m3	OSHA Z-1
		TWA	400 ppm 1,600 mg/m3	OSHA P0
cyclohexane	110-82-7	TWA	100 ppm	ACGIH
		TWA	300 ppm 1,050 mg/m3	OSHA Z-1
		TWA	300 ppm 1,050 mg/m3	OSHA P0
		PEL	300 ppm 1,050 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** : colorless  
**Odor** : solvent  
**Odor Threshold** : No data available  
**Melting point/freezing point** : not determined  
**Boiling point/boiling range** : not determined  
**Flash point** : -4 °C  
**Evaporation rate** : not determined  
**Upper explosion limit** : Upper flammability limit  
not determined

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Lower explosion limit	: Lower flammability limit not determined
Density	: 0.68 g/cm3
Solubility(ies)	
Water solubility	: not determined
Partition coefficient: n- octanol/water	: No data available
Autoignition temperature	: not determined
Viscosity	
Viscosity, kinematic	: not determined

**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
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**Components:****cyclohexane:**

Acute inhalation toxicity	: LC50 Rat: 13.9 mg/l Exposure time: 4 h Test atmosphere: vapor
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**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

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**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:**  
**cyclohexane :**

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 3.96 - 5.18 mg/l  
Exposure time: 96 h  
Test Method: 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.

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

Not applicable

**Domestic regulation****49 CFR**

UN/ID/NA number	: 1268
Proper shipping name	: Petroleum distillates, n.o.s.
Class	: 3
Packing group	: II
Labels	: 3
ERG Code	: 128
Marine pollutant	: no

**International Regulations****IATA-DGR**

UN/ID No.	: 1268
Proper shipping name	: Petroleum distillates, n.o.s.
Class	: 3
Packing group	: II
Labels	: 3
Packing instruction (cargo aircraft)	: 364
Packing instruction (passenger aircraft)	: 353

**IMDG-Code**

UN number	: 1268
Proper shipping name	: PETROLEUM DISTILLATES, N.O.S.
Class	: 3
Packing group	: II
Labels	: 3
EmS Code	: F-E, S-E
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**

<b>SARA 311/312 Hazards</b>	: Flammable (gases, aerosols, liquids, or solids) Aspiration hazard
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- 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:
- cyclohexane 110-82-7

**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).

**US State Regulations**

- California Prop 65** : Please contact Supplier for more information.

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

<b>TSCA</b>	On TSCA Inventory
<b>DSL</b>	All components of this product are on the Canadian DSL
<b>AICS</b>	On the inventory, or in compliance with the inventory
<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>Inventories Legend</b> 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



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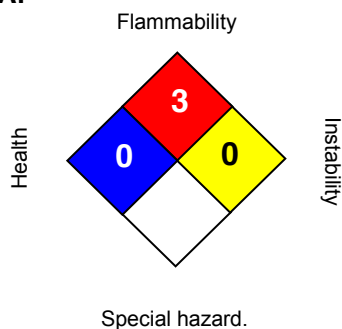
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#### Further information

##### NFPA:



##### HMIS III:

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

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

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