



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006  
(amended by Regulation (EU) 2015/830)

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## Polycol B

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### **1. Identification of the substance/mixture and of the company/undertaking**

#### **1.1. Product identifier**

**Product code** None.

**Synonyms** None.

#### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use of the Substance/Mixture** Curing chemical

#### **1.3. Details of the supplier of the safety data sheet**

**Company/Undertaking Identification** Habasit Belting Inc.  
805 Satellite Blvd.  
P.O. Box 80507  
Suwanee, GA 30024  
USA  
info.america@us.habasit.com

**1.4. Emergency telephone number** Infotrac, Inc.: +1-800-535-5053  
Habasit Belting Inc.: +1-678-288-3600

**Issuing date** 29.07.2016

**Version** 02 (Previous versions: 24.07.2014)

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## 2. Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008

Serious eye damage/eye irritation, Cat. 2, H319  
Respiratory Sensitisation, Cat. 1, H334  
Skin Sensitisation, Cat. 1, H317  
Specific target organ toxicity (single exposure, narcotic effects), Cat. 3, H336  
Flammable liquids, Cat. 2, H225

#### Additional information

For the full text of the phrases mentioned in this Section, see Section 16.

### 2.2. Label elements



#### Signal Word

Danger

#### Hazard Statements

H225: Highly flammable liquid and vapour.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H336: May cause drowsiness or dizziness.

#### Precautionary statements

P261: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P280e: Wear protective gloves/eye protection.  
P210b: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312: Call a POISON CENTER or doctor/physician if you feel unwell.

#### Supplemental information

Contains isocyanates. May produce an allergic reaction.

#### Product identifier

ethyl acetate, CAS-No. 141-78-6, EC-No. 205-500-4  
Aromatic Polyisocyanate, CAS-No. 53317-61-6  
Di-isocyanatotoluene (mixture of isomers), CAS-No. 26471-62-5, EC-No. 247-722-4, REACH No. 01-2119454791-34-0001, 01-2119454791-34-0006, 01-2119454791-34-0007  
Tris-(p-isocyanatophenyl)-thiophosphat, CAS-No. 4151-51-3, EC-No. 223-981-9

#### Contents of package < 125 ml



Danger

H317: May cause an allergic skin reaction.  
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H336: May cause drowsiness or dizziness.  
P260: Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.  
P262: Do not get in eyes, on skin, or on clothing.  
Contains isocyanates. May produce an allergic reaction.

### 2.3. Other hazards

None known.

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## 3. Composition/information on ingredients

### Chemical characterization

Contains isocyanates. See information supplied by the manufacturer.

Components		CLP Classification	Product identifier
ethyl acetate	50% - 75%	Eye Irrit. 2 H319, STOT SE 3 H336, Flam. Liq. 2 H225, EUH066	CAS-No.: 141-78-6 EC-No.: 205-500-4 Index-No: 607-022-00-5
Aromatic Polyisocyanate	20% - 30%	Eye Irrit. 2 H319, Skin Sens. 1 H317, EUH204	CAS-No.: 53317-61-6
Di-isocyanatotoluene (mixture of isomers)	0.1% - 1%	Carc. 2 H351, Acute Tox. 1 H330, Skin Irrit. 2 H315, Eye Irrit. 2 H319, STOT SE 3 H335, Resp. Sens. 1 H334, Skin Sens. 1 H317, Aquatic Chronic 3 H412	CAS-No.: 26471-62-5 EC-No.: 247-722-4 Index-No: 615-006-00-4 REACH No.: 01-2119454791-34-0001, 01-2119454791-34-0006, 01-2119454791-34-0007
Tris-(p-isocyanatophenyl)-thiophosphat	10% - 20%	Resp. Sens. 1 H334	CAS-No.: 4151-51-3 EC-No.: 223-981-9

For the full text of the phrases mentioned in this Section, see Section 16.

### Hazardous impurities

None known.

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## 4. First aid measures

### 4.1. Description of first aid measures

#### Inhalation

Move to fresh air. Consult a physician after significant exposure.

#### Skin contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

#### Eye contact

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

#### Ingestion

Do not induce vomiting. Call a physician immediately.

### 4.2. Most important symptoms and effects, both acute and delayed

Headache. Dizziness.

### 4.3. Indication of any immediate medical attention and special treatment needed

None known.

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## **5. Firefighting measures**

### **5.1. Extinguishing media**

**Suitable extinguishing media** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Extinguishing media which must not be used for safety reasons** High volume water jet.

**5.2. Special hazards arising from the substance or mixture** During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds.

### **5.3. Advice for firefighters**

**Special protective equipment for firefighters** In the event of fire, wear self-contained breathing apparatus.

**Specific methods** Prevent fire extinguishing water from contaminating surface water or the ground water system. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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## **6. Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

**Advice for non-emergency personnel** Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Remove all sources of ignition.

**Advice for emergency responders** Ensure adequate ventilation. Use personal protective equipment. Remove all sources of ignition. Vapours are heavier than air and may spread along floors.

**6.2. Environmental precautions** Prevent product from entering surface water or sewage.

**6.3. Methods and material for containment and cleaning up** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly.

**6.4. Reference to other sections** See chapter 8 and 13.

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## 7. Handling and storage

<b>7.1. Precautions for safe handling</b>	Keep away from sources of ignition - No smoking. Wear personal protective equipment. Vapours are heavier than air and may spread along floors. Provide appropriate exhaust ventilation at machinery. Do not breathe vapours/dust. Wash hands and exposed skin before eating, drinking or smoking and after work. Remove contaminated clothing and shoes.
<b>7.2. Conditions for safe storage, including any incompatibilities</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store together with food.
<b>7.3. Specific end use(s)</b>	Use only in accordance with our recommendations.

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## 8. Exposure controls/personal protection

### 8.1. Control parameters

<b>Exposure limit(s)</b>	Even in case of a full release, due to the small amount of substances present, it is not expected that exposure limits will be reached. However it is the duty of the user to verify this and follow given exposure limits at the workplace. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.
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#### **ethyl acetate (CAS 141-78-6)**

U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)	400 ppm TWA 1400 mg/m <sup>3</sup> TWA
U.S. - OSHA - Vacated PELs - TWAs	400 ppm TWA 1400 mg/m <sup>3</sup> TWA

### 8.2. Exposure controls

<b>Occupational exposure controls</b>	Handle in accordance with good industrial hygiene and safety practice.
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#### **Personal protection equipment**

<i>Respiratory protection</i>	In case of good ventilation no personal respiratory protective equipment required. In case of insufficient ventilation wear suitable respiratory equipment. Suitable respiratory equipment: ABEK-filter ABEK-P3-filter Respirator with filter for organic vapour
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<i>Hand protection</i>	Protective gloves complying with EN 374. Gloves made of Butyl. Be aware that in daily use the durability of a chemical resistant protective glove can be notably shorter than the break through time measured according to EN 374, due to the numerous outside influences (e.g. temperature). The exact break through time can be obtained from the protective glove producer and this has to be observed. Do not wear leather gloves. Do not wear cotton gloves.
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<i>Eye protection</i>	Safety glasses with side-shields conforming to EN166.
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<i>Skin and body protection</i>	Long sleeved clothing.
<b>Thermal hazards</b>	No special measures required.
<b>Environmental exposure controls</b>	Dispose of waste product or used containers according to local regulations.

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## **9. Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

<b>Form</b>	Liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Solvent.
<b>Odour Threshold</b>	No information available.
<b>pH:</b>	not applicable
<b>Melting point/range:</b>	No information available.
<b>Boiling point/range:</b>	77°C
<b>Flash point:</b>	-4°C
<b>Evaporation Rate:</b>	No information available.
<b>Flammability:</b>	No information available.
<b>Explosion limits:</b>	10.5%(V) - 2.0%(V)
<b>Vapour pressure:</b>	97 mbar (20°C)
<b>Vapor density:</b>	No information available.
<b>Relative density:</b>	1.02 g/cm <sup>3</sup> (20°C)
<b>Water solubility:</b>	No information available.
<b>Partition coefficient (n-octanol/water):</b>	No information available.
<b>Autoignition temperature:</b>	No information available.
<b>Decomposition temperature:</b>	No information available.
<b>Viscosity:</b>	No information available.
<b>Combustion/explosion hazards:</b>	liquid, flammable
<b>Oxidizing properties:</b>	None

### **9.2. Other information**

<b>General Product Characteristics</b>	This information is not available.
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## **10. Stability and reactivity**

<b>10.1. Reactivity</b>	No hazards to be specially mentioned.
<b>10.2. Chemical stability</b>	Stable up to approximately 70 °C.
<b>10.3. Possibility of hazardous reactions</b>	No hazards to be specially mentioned.
<b>10.4. Conditions to avoid</b>	Heat, flames and sparks.
<b>10.5. Incompatible materials</b>	None.
<b>10.6. Hazardous decomposition</b>	None reasonably foreseeable.

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## 11. Toxicological information

### 11.1. Information on toxicological effects

<b>Acute toxicity</b>	Information given is based on data on the components and the toxicology of similar products. <b>ethyl acetate (CAS 141-78-6)</b> Inhalation LC50 Mouse = 1500 ppm 4 h(NZ_CCID) Dermal LD50 Rabbit > 18000 mg/kg (JAPAN_GHS) Oral LD50 Rat = 5620 mg/kg (NLM_CIP) <b>Di-isocyanatotoluene (mixture of isomers) (CAS 26471-62-5)</b> Dermal LD50 Rabbit = 10000 mg/kg (JAPAN_GHS) Inhalation LC50 Rat = 0.099 mg/L 4 h(JAPAN_GHS) Oral LD50 Rat = 3060 mg/kg (JAPAN_GHS)
<b>Skin corrosion/irritation</b>	No skin irritation.
<b>Serious eye damage/eye irritation</b>	Causes eye irritation.
<b>Respiratory / Skin Sensitisation</b>	Inhalation of aerosol or skin contact may cause sensitization of susceptible persons.
<b>Carcinogenicity</b>	Contains no ingredient listed as a carcinogen.
<b>Germ cell mutagenicity</b>	Contains no ingredient listed as a mutagen.
<b>Reproductive toxicity</b>	Contains no ingredient listed as toxic to reproduction.
<b>Specific target organ toxicity (single exposure)</b>	Narcotic effects
<b>Specific target organ toxicity (repeated exposure)</b>	no data available
<b>Aspiration hazard</b>	no data available
<b>Human experience</b>	No data available.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Drowsiness Vertigo Causes headache, drowsiness or other effects to the central nervous system. Risk of explosion if heated under confinement.
<b>Delayed and immediate effects and also chronic effects from short and long term exposure</b>	Tiredness

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## 12. Ecological information

12.1. Toxicity No data is available on the product itself.

**ethyl acetate (CAS 141-78-6)**

Ecotoxicity - Freshwater Fish - Acute Toxicity Data	96 h LC50 Pimephales promelas: 220 - 250 mg/L [flow-through] (EPA) 96 h LC50 Oncorhynchus mykiss: 484 mg/L [flow-through] (IUCLID) 96 h LC50 Oncorhynchus mykiss: 352 - 500 mg/L [semi-static] (EPA)
Ecotoxicity - Water Flea - Acute Toxicity Data	48 h EC50 Daphnia magna: 560 mg/L [Static] (EPA)

**Di-isocyanatotoluene (mixture of isomers) (CAS 26471-62-5)**

Ecotoxicity - Earthworm - Acute Toxicity Data	14 Days LC50 Eisenia foetida: >1000 mg/kg [soil dry weight] (IUCLID)
Ecotoxicity - Earthworm - No Observable Effect Concentration (NOEC) Data	14 Days NOEC Eisenia foetida: >=1000 mg/kg [soil dry weight] (IUCLID)

**12.2. Persistence and degradability** Partly biodegradable.

**12.3. Bioaccumulative potential** No data available. Does not bioaccumulate.

**12.4. Mobility in soil** No data available.

**12.5. Results of PBT and vPvB assessment** This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

**12.6. Other adverse effects** no data available

### **13. Disposal considerations**

**13.1. Waste treatment methods**

**Waste from residues / unused products** Dispose of as hazardous waste in compliance with local and national regulations. Can be incinerated, when in compliance with local regulations. 080501 - waste isocyanates

**Contaminated packaging** Dispose of as unused product.

### **14. Transport information**

**ADR/RID** UN 1993.  
Proper shipping name: FLAMMABLE LIQUID, N.O.S. (ethyl acetate, Isocyanates).  
Class 3.  
Packing group II.  
ADR/RID-Labels 3.  
Classification code F1.  
Hazard identification no. 33.  
Limited quantity 1 L.  
Excepted quantity E2.  
Tunnel restriction code D/E



<b>IMDG</b>	<p>UN 1993.          Proper shipping name: FLAMMABLE LIQUID, N.O.S. (ethyl acetate, Isocyanates).          Class 3.          Packing group II.          IMDG-Labels 3.          Limited quantity 1 L.          Excepted quantity E2.          EmS F-E, S-E.          Marine pollutant: No.</p>
<b>IATA</b>	<p>UN 1993.          Proper shipping name: Flammable liquid, n.o.s. (ethyl acetate, Isocyanates).          Class 3.          Packing group II.          IATA label 3.          Packing instruction (passenger aircraft): 353 (5 L).          Packing instruction (LQ): Y341 (1 L).          Packing instruction (cargo aircraft): 364 (60 L).</p>
<b>Inland navigation ADN</b>	<p>UN 1993.          Proper shipping name: FLAMMABLE LIQUID, N.O.S. (ethyl acetate, Isocyanates).          Class 3.          Packing group II.          ADN labels 3.          Classification code F1.          Limited quantity 1 L.          Excepted quantity E2.</p>
<b>Further Information</b>	<p>Dangerous goods in limited quantities of class max. 1 liter/innerpack.</p>

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## 15. Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**Regulatory Information**                      Contains isocyanates. See information supplied by the manufacturer.

**15.2. Chemical safety assessment**                      Not required.

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## 16. Other information

**Revision Note**                                      This data sheet contains changes from the previous version in section(s): 1, 2, 3, 8, 15, 16

**Key or legend to abbreviations and acronyms**                      CLP: Classification according to Regulation (EC) No. 1272/2008 (GHS)  
 DSD/DPD: Classification according to EU Directives 67/548/EEC or 1999/45/EC  
 MAK: Occupational exposure limit.

<b>Key literature references and sources for data</b>	Information taken from reference works and the literature.
<b>Classification procedure</b>	Classification according to EU Directives 67/548/EEC or 1999/45/EC. Classification according to Regulation (EU) 1272/2008 with the correlation table 67/548/EEC or 1999/45/EC (Annex VII of CLP).
<b>Full text of phrases referred to under sections 2 and 3</b>	<p>EUH066: Repeated exposure may cause skin dryness or cracking.  EUH204: Contains isocyanates. May produce an allergic reaction.  H225: Highly flammable liquid and vapour.  H315: Causes skin irritation.  H317: May cause an allergic skin reaction.  H319: Causes serious eye irritation.  H330: Fatal if inhaled.  H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.  H335: May cause respiratory irritation.  H336: May cause drowsiness or dizziness.  H351: Suspected of causing cancer.  H412: Harmful to aquatic life with long lasting effects.</p>
<b>Training advice</b>	The rules which cover amongst other things the requirement for ventilation, protective clothing, personal protective equipment etc. can be obtained from the National Occupational Health and Safety Board.
<b>Further information</b>	<p>Made in: Switzerland Habasit AG  Römerstrasse 1  4153 Reinach/BL, Switzerland  Phone: +41 (0)61 715 15 15 (Mo - Fr, 7.30h - 17h)  SDS info: product.safety@habasit.com</p>
<b>Instructions for use</b>	For industrial application only. Use only in accordance with our recommendations.
<b>Disclaimer</b>	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.