



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

**BOSTIK HYTEC E570 ONE COAT - PART B**  
Supersedes date 18-Jul-2024

Revision date 16-Mar-2026  
Revision Number 2.01

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Product Name** BOSTIK HYTEC E570 ONE COAT - PART B

**Form** This substance/ mixture contains nanoforms

### Other means of identification

**Pure substance/mixture** Mixture

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

**Recommended use** Hardener

**Uses advised against** None known

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

#### Company Name

Bostik Industries Limited  
IDA Business & Technology Park  
Ballynattin, Arklow,  
Co. Wicklow  
Ireland  
Y14 A370  
Tel : +353 (0)402 32370

**E-mail address** SDS.box-EU@bostik.com

### 1.4. Emergency telephone number

**Ireland** **NPIC - National Poison Information Centre**  
Members of the Public: +353 (01) 8092166 (8.00 am to 10.00 pm - 7 days a week)  
Healthcare Professionals: +353 (01) 8092566 (24 hour service)

**United Kingdom** Bostik: +44 (1785) 272650 (9am to 5pm Mon-Fri)

**Europe** 112

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

*Classification according to Regulation (EC) No. 1272/2008 [CLP]*

<b>Skin corrosion</b>	Category 1 Sub-category B - (H314)
<b>Serious eye damage</b>	Category 1 - (H318)
<b>Skin sensitisation</b>	Category 1 - (H317)
<b>Hazardous to the aquatic environment - chronic</b>	Category 2 - (H411)

### 2.2. Label elements

Contains Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine; Benzyl alcohol; 3-aminomethyl-3,5,5-trimethylcyclohexylamine; 1,3-Benzenedimethanamine; Phenol, styrenated; 3-aminopropyltriethoxysilane

# SAFETY DATA SHEET

**BOSTIK HYTEC E570 ONE COAT - PART B**  
Supersedes date 18-Jul-2024

Revision date 16-Mar-2026  
Revision Number 2.01



**Signal word**  
Danger

## Hazard statements

H314 - Causes severe skin burns and eye damage.  
H317 - May cause an allergic skin reaction.  
H411 - Toxic to aquatic life with long lasting effects.

## Precautionary Statements - EU (§28, 1272/2008)

P101 - If medical advice is needed, have product container or label at hand  
P102 - Keep out of reach of children  
P260 - Do not breathe vapour  
P273 - Avoid release to the environment  
P280 - Wear protective gloves and eye/face protection  
P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting  
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P310 - Immediately call a POISON CENTER or doctor  
P391 - Collect spillage  
P405 - Store locked up  
P501 - Dispose of contents/ container to an approved waste disposal plant

## Additional information

This product requires child resistant fastenings if supplied to the general public. This product requires tactile warnings if supplied to the general public. This product is part of a kit. Please also refer to the SDS for the other component(s) of the kit.

## 2.3. Other hazards

Small amounts of ethanol (CAS 64-17-5) are formed by hydrolysis and released upon curing. May be harmful if swallowed. Toxic to aquatic life.

## PBT & vPvB

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

## Endocrine Disruptor Information

Contains a known or suspected endocrine disruptor.

Chemical name	EU - REACH (1907/2006) - Article 59(1) - Candidate List of Substances of Very High Concern (SVHC) for Authorisation	EU - REACH (1907/2006) - Endocrine Disruptor Assessment List of Substances
Phenol, styrenated	-	Endocrine disrupting properties

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

# SAFETY DATA SHEET

**BOSTIK HYTEC E570 ONE COAT - PART B**  
**Supersedes date** 18-Jul-2024

**Revision date** 16-Mar-2026  
**Revision Number** 2.01

Chemical name	Weight-%	REACH registration number	EC No. (Index No.)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)	Notes
Hematite 1317-60-8	40 - <80	[7]	215-275-4	No data available	-	-	-	-
Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine 186321-96-0	10 - <20	01-2119983521-35-xxxx	606-078-8	Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	-	1	1	-
Benzyl alcohol 100-51-6	10 - <20	01-2119492630-38-XXXX	202-859-9 (603-057-00-5)	Acute Tox. 4 (H302) Eye Irrit. 2 (H319) Skin Sens. 1B (H317)	-	-	-	-
3-aminomethyl-3,5,5-trimethylcyclohexylamine 2855-13-2	5 - <10	01-2119514687-32-XXXX	220-666-8 (612-067-00-9)	Acute Tox. 4 (H302) Skin Corr. 1B (H314) Eye Dam. 1 (H318) Skin Sens. 1A (H317)	Skin Sens. 1A :: C>=0.001%	-	-	-
2,4,6-tris(dimethylaminomethyl)phenol 90-72-2	1 - <3	01-2119560597-27-XXXX	202-013-9 (603-069-00-0)	Acute Tox. 4 (H302) Skin Corr. 1C (H314) Eye Dam. 1 (H318)	-	-	-	-
1,3-Benzenedimethanamine 1477-55-0	1 - <3	01-2119480150-50-XXXX	216-032-5	Acute Tox. 4 (H302) Acute Tox. 4 (H332) Skin Corr. 1B (H314) Eye Dam. 1 (H318) Skin Sens. 1B (H317) Aquatic Chronic 3 (H412) (EUH071)	-	-	-	-
Phenol, styrenated 61788-44-1	1 - <2.5	01-2119980970-27-XXXX	262-975-0	Skin Irrit. 2 (H315) Skin Sens. 1A (H317) Aquatic Chronic 2 (H411)	-	-	-	-
3-aminopropyltriethoxysilane 919-30-2	0.1 - <0.5	01-2119480479-24-XXXX	213-048-4 (612-108-00-0)	Acute Tox. 4 (H302) Skin Corr. 1B (H314) Eye Dam. 1 (H318) Skin Sens. 1 (H317)	-	-	-	-

*NOTE [7] - No registration number is given for this substance because it is a polymer exempted from registration according to the provisions of Article 2(9) of REACH. All monomers or other substances within the polymer are registered or exempt from registration*

**Full text of H- and EUH-phrases: see section 16**

# SAFETY DATA SHEET

**BOSTIK HYTEC E570 ONE COAT - PART B**  
Supersedes date 18-Jul-2024

Revision date 16-Mar-2026  
Revision Number 2.01

## Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATE<sub>mix</sub>) for classifying a mixture based on its components

Chemical name	EC No. (Index No.)	CAS No.	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Hematite	215-275-4	1317-60-8	-	-	-	-	-
Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine	606-078-8	186321-96-0	-	-	-	-	-
Benzyl alcohol	202-859-9 (603-057-00-5)	100-51-6	1200	-	-	-	-
3-aminomethyl-3,5,5-trimethylcyclohexylamine	220-666-8 (612-067-00-9)	2855-13-2	1030 <sup>+</sup>	-	-	-	-
2,4,6-tris(dimethylaminoethyl)phenol	202-013-9 (603-069-00-0)	90-72-2	1999	-	-	-	-
1,3-Benzenedimethanamine	216-032-5	1477-55-0	930	-	1.34	-	-
Phenol, styrenated	262-975-0	61788-44-1	-	-	-	-	-
3-aminopropyltriethoxysilane	213-048-4 (612-108-00-0)	919-30-2	1490	-	-	-	-

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>General advice</b>	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get immediate medical attention. May cause an allergic skin reaction.
<b>Ingestion</b>	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Get immediate medical attention.
<b>Self-protection of the first aider</b>	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Wear personal protective clothing (see section 8).

# SAFETY DATA SHEET

BOSTIK HYTEC E570 ONE COAT - PART B  
Supersedes date 18-Jul-2024

Revision date 16-Mar-2026  
Revision Number 2.01

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

<b>Symptoms</b>	Burning sensation. Redness. May cause blindness. Coughing and/ or wheezing. May cause redness and tearing of the eyes. Itching. Rashes. Hives.
<b>Effects of Exposure</b>	No information available.

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

<b>Note to doctors</b>	Product is a corrosive material. Use of gastric lavage or emesis is contra-indicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure. May cause sensitisation in susceptible persons. Treat symptomatically.
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## **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media</b>	No information available.

### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards arising from the chemical</b>	The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating gases and vapours. Product is or contains a sensitiser. May cause sensitisation by skin contact.
<b>Hazardous combustion products</b>	Carbon oxides. Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ). Ammonia. Nitrogen oxides (NO <sub>x</sub> ).

### 5.3. Advice for firefighters

<b>Special protective equipment and precautions for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protective equipment.
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## **SECTION 6: Accidental release measures**

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

<b>Personal precautions</b>	Attention! Corrosive material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
<b>Other information</b>	Refer to protective measures listed in Sections 7 and 8.
<b>For emergency responders</b>	Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so. Should not be released into the environment. Do not allow to enter into soil/subsoil. Prevent product from entering drains.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled

# SAFETY DATA SHEET

BOSTIK HYTEC E570 ONE COAT - PART B  
Supersedes date 18-Jul-2024

Revision date 16-Mar-2026  
Revision Number 2.01

containers. Clean contaminated surface thoroughly.

**Prevention of secondary hazards** Collect water from cleaning tools and reuse it or dispose it in local sewage systems. Do not spill water or dispose cleaning water into the environment.

## 6.4. Reference to other sections

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. This product is part of a kit. Please also refer to the SDS for the other component(s) of the kit.

**General hygiene considerations** Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from moisture. Store locked up. Keep out of the reach of children. Store away from other materials.

### 7.3. Specific end use(s)

**Specific use(s)**  
Hardener.

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

**Other information** Observe technical data sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Exposure Limits** Small amounts of ethanol (CAS 64-17-5) are formed by hydrolysis and released upon curing

Chemical name	European Union	Ireland	United Kingdom
Hematite 1317-60-8	-	TWA: 5 mg/m <sup>3</sup> ; fume TWA: 1 mg/m <sup>3</sup> ; STEL: 10 mg/m <sup>3</sup> ; fume STEL: 2 mg/m <sup>3</sup> ;	TWA: 5 mg/m <sup>3</sup> ; fume TWA: 10 mg/m <sup>3</sup> ; total inhalable TWA: 4 mg/m <sup>3</sup> ; respirable TWA: 1 mg/m <sup>3</sup> ; STEL: 10 mg/m <sup>3</sup> ; fume STEL: 30 mg/m <sup>3</sup> ; total inhalable STEL: 12 mg/m <sup>3</sup> ; respirable STEL: 2 mg/m <sup>3</sup> ;
1,3-Benzenedimethanamine 1477-55-0	-	TWA: 0.1 mg/m <sup>3</sup> ; STEL: 0.3 mg/m <sup>3</sup> (calculated);	

# SAFETY DATA SHEET

**BOSTIK HYTEC E570 ONE COAT - PART B**  
**Supersedes date** 18-Jul-2024

**Revision date** 16-Mar-2026  
**Revision Number** 2.01

Ethanol 64-17-5	-	STEL: 1000 ppm;	TWA: 1000 ppm; TWA: 1920 mg/m <sup>3</sup> ; STEL: 3000 ppm; STEL: 5760 mg/m <sup>3</sup> ;
Synthetic Amorphous, Pyrogenic Silica 112945-52-5	-	TWA: 6 mg/m <sup>3</sup> ; total inhalable dust TWA: 2.4 mg/m <sup>3</sup> ; respirable dust STEL: 18 mg/m <sup>3</sup> (calculated); respirable dust STEL: 7.2 mg/m <sup>3</sup> (calculated); respirable dust	TWA: 6 mg/m <sup>3</sup> ; inhalable dust TWA: 2.4 mg/m <sup>3</sup> ; respirable dust STEL: 18 mg/m <sup>3</sup> ; inhalable dust STEL: 7.2 mg/m <sup>3</sup> ; respirable dust

**Derived No Effect Level (DNEL)** No information available

**Derived No Effect Level (DNEL)**

**BenzyI alcohol (100-51-6)**

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Long term Systemic health effects	Inhalation	22 mg/m <sup>3</sup>	
worker Short term Systemic health effects	Inhalation	110 mg/m <sup>3</sup>	
worker Long term Systemic health effects	Dermal	8 mg/kg bw/d	
worker Short term Systemic health effects	Dermal	40 mg/kg bw/d	

**3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)**

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker	Inhalation	0.073 mg/m <sup>3</sup>	

**2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)**

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Long term Systemic health effects worker	Inhalation	0.53 mg/m <sup>3</sup>	
Short term Systemic health effects worker	Inhalation	2.1 mg/m <sup>3</sup>	
Long term Systemic health effects worker	Dermal	0.15 mg/kg	
Short term Systemic health effects worker	Dermal	0.6 mg/kg	

**1,3-Benzenedimethanamine (1477-55-0)**

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker	Dermal	0.33 mg/kg bw/d	
worker	Inhalation	1.2 mg/m <sup>3</sup>	

**Phenol, styrenated (61788-44-1)**

# SAFETY DATA SHEET

**BOSTIK HYTEC E570 ONE COAT - PART B**  
**Supersedes date** 18-Jul-2024

**Revision date** 16-Mar-2026  
**Revision Number** 2.01

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker	Dermal	2.1 mg/kg bw/d	
worker	Inhalation	7.4 mg/m <sup>3</sup>	

## 3-aminopropyltriethoxysilane (919-30-2)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Long term Systemic health effects	Inhalation	59 mg/m <sup>3</sup>	
worker Short term Systemic health effects	Inhalation	59 mg/m <sup>3</sup>	
worker Long term Systemic health effects	Dermal	8.3 mg/kg bw/d	
worker Short term Systemic health effects	Dermal	8.3 mg/kg bw/d	

## Derived No Effect Level (DNEL)

### Benzyl alcohol (100-51-6)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Inhalation	5.4 mg/m <sup>3</sup>	
Consumer Short term Systemic health effects	Inhalation	27 mg/m <sup>3</sup>	
Consumer Long term Systemic health effects	Dermal	4 mg/kg bw/d	
Consumer Short term Systemic health effects	Dermal	20 mg/kg bw/d	
Consumer Long term Systemic health effects	Oral	4 mg/kg bw/d	
Consumer Short term Systemic health effects	Oral	20 mg/kg bw/d	

### 2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Long term Systemic health effects Consumer	Inhalation	0.13 mg/m <sup>3</sup>	
Short term Systemic health effects Consumer	Inhalation	0.13 mg/m <sup>3</sup>	
Long term Systemic health effects Consumer	Dermal	0.075 mg/kg	
Short term Systemic health effects Consumer	Dermal	0.075 mg/kg	

# SAFETY DATA SHEET

**BOSTIK HYTEC E570 ONE COAT - PART B**  
**Supersedes date** 18-Jul-2024

**Revision date** 16-Mar-2026  
**Revision Number** 2.01

Long term Systemic health effects Consumer	Oral	0.075 mg/kg	
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<b>3-aminopropyltriethoxysilane (919-30-2)</b>			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Inhalation	17 mg/m <sup>3</sup>	
Consumer Short term Systemic health effects	Inhalation	17.4 mg/m <sup>3</sup>	
Consumer Long term Systemic health effects	Dermal	5 mg/kg bw/d	
Consumer Short term Systemic health effects	Dermal	5 mg/kg bw/d	

## Predicted No Effect Concentration (PNEC)

<b>Predicted No Effect Concentration (PNEC)</b>	
<b>Benzyl alcohol (100-51-6)</b>	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	1 mg/l
Marine water	0.1 mg/l
Microorganisms in sewage treatment	39 mg/l
Freshwater sediment	5.27 mg/kg dry weight
Marine sediment	0.527 mg/kg dry weight
Soil	0.456 mg/kg dry weight
Freshwater - intermittent	2,3 mg/l

<b>3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)</b>	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.094 mg/l
Marine water	0.0094 mg/l

<b>2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)</b>	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.046 mg/l
Marine water	0.005 mg/l
Sewage treatment plant	0.262 mg/l
Freshwater - intermittent	0.46 mg/l
Soil	0.025 mg/kg

<b>1,3-Benzenedimethanamine (1477-55-0)</b>	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.094 mg/l
Marine water	0.0094 mg/l

<b>Phenol, styrenated (61788-44-1)</b>	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.001 mg/l

<b>3-aminopropyltriethoxysilane (919-30-2)</b>	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.33 mg/l
Marine water	0.033 mg/l

# SAFETY DATA SHEET

BOSTIK HYTEC E570 ONE COAT - PART B  
Supersedes date 18-Jul-2024

Revision date 16-Mar-2026  
Revision Number 2.01

## 8.2. Exposure controls

**Engineering controls** Ensure adequate ventilation, especially in confined areas.

### Personal protective equipment

**Eye/face protection** Tight sealing safety goggles. Face protection shield. Eye protection must conform to standard EN 166

**Hand protection** Wear protective gloves. Gloves must conform to standard EN 374. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The breakthrough time of the gloves depends on the material and the thickness as well as the temperature. Gloves should be replaced regularly and if there is any sign of damage to the glove material.

**Skin and body protection** Wear appropriate personal protective clothing to prevent skin contact.

**Environmental exposure controls** Do not allow into any sewer, on the ground or into any body of water.

## SECTION 9: Physical and chemical properties

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

**Physical state** Liquid  
**Appearance** Paste  
**Colour** Black  
**Odour** Characteristic.

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>Melting point / freezing point</b>	No data available	None known
<b>Initial boiling point and boiling range</b>	No data available	None known
<b>Flammability</b>	No data available	
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Flash point</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>		None known
<b>pH</b>	No data available	None known.
<b>pH (as aqueous solution)</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	
None known		<b>Water solubility</b> No data available.
None known		<b>Solubility(ies)</b> No data available
None known		<b>Partition coefficient</b> No data available
None known		<b>Vapour pressure</b> No data available
		<b>Relative density</b> 1.8
		<b>Bulk density</b> No data available
		<b>Density</b> No data available
		<b>Relative vapour density</b> No data available
		<b>Particle characteristics</b>
		<b>Particle Size</b> No information available
		<b>Particle Size</b> No information available
		<b>Distribution</b>

### 9.2. Other information

**Solid content (%)** No information available  
**VOC content** No data available

#### 9.2.1. Information with regards to physical hazard classes

Not applicable

#### 9.2.2. Other safety characteristics

# SAFETY DATA SHEET

BOSTIK HYTEC E570 ONE COAT - PART B  
Supersedes date 18-Jul-2024

Revision date 16-Mar-2026  
Revision Number 2.01

No information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity No information available.

### 10.2. Chemical stability

Stability Stable under normal conditions.

### Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

### 10.4. Conditions to avoid

Conditions to avoid Exposure to air or moisture over prolonged periods.

### 10.5. Incompatible materials

Incompatible materials Acids. Bases. Oxidising agent.

### 10.6. Hazardous decomposition products

Hazardous decomposition products None under normal use conditions. Stable under recommended storage conditions.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Information on likely routes of exposure

#### Product Information

**Inhalation** Specific test data for the substance or mixture is not available. Corrosive by inhalation. (based on components). Inhalation of corrosive fumes/gases may cause coughing, choking, headache, dizziness, and weakness for several hours. Pulmonary edema may occur with tightness in the chest, shortness of breath, bluish skin, decreased blood pressure, and increased heart rate. Inhaled corrosive substances can lead to a toxic edema of the lungs. Pulmonary edema can be fatal.

**Eye contact** Specific test data for the substance or mixture is not available. Causes serious eye damage. (based on components). Corrosive to the eyes and may cause severe damage including blindness.

**Skin contact** Specific test data for the substance or mixture is not available. Corrosive. (based on components). Causes burns. May cause sensitisation by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

**Ingestion** Specific test data for the substance or mixture is not available. Causes burns. (based on components). Ingestion causes burns of the upper digestive and respiratory tracts. May cause severe burning pain in the mouth and stomach with vomiting and diarrhea of dark

# SAFETY DATA SHEET

BOSTIK HYTEC E570 ONE COAT - PART B  
Supersedes date 18-Jul-2024

Revision date 16-Mar-2026  
Revision Number 2.01

blood. Blood pressure may decrease. Brownish or yellowish stains may be seen around the mouth. Swelling of the throat may cause shortness of breath and choking. May cause lung damage if swallowed. May be fatal if swallowed and enters airways.

## Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** Redness. Burning. May cause blindness. Coughing and/ or wheezing. Itching. Rashes. Hives.

## Acute toxicity

### Numerical measures of toxicity

The following ATE values have been calculated for the mixture

ATEmix (oral)	3,948.20 mg/kg
ATEmix (dermal)	>2000 mg/kg
ATEmix (inhalation-gas)	>20000 ppm
ATEmix (inhalation-dust/mist)	19.80 mg/L
ATEmix (inhalation-vapour)	>20 mg/L

### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Hematite	> 10000 mg/kg ( Rat )	-	-
Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine	LD50 > 2000 mg/kg	LD50 > 2000 mg/kg	-
Benzyl alcohol	LD50 = 1620 mg/kg (Rattus)	> 2 g/kg (Oryctolagus cuniculus)	>4.17 mg/L (Rattus) 4 h (OECD TG 403)
3-aminomethyl-3,5,5-trimethylcyclohexylamine	=1040 mg/kg (Rattus)	LD50 > 2000 mg/kg (Rattus) OECD 402	> 5.01501 mg/L ( Rat ) 4 h 1.07 mg/L ( Rat ) 4 h
2,4,6-tris(dimethylaminomethyl)phenol	LD50 > 1 916 - < 2 455 mg/kg (Rattus)	> 1 ml/kg ( Rattus )	-
1,3-Benzenedimethanamine	=930 mg/kg (Rattus)	> 2 g/kg (Oryctolagus cuniculus)	LC50 (4h) = 1.34 mg/L (Rattus) OECD 403
Phenol, styrenated	LD50 > 2000 mg/kg (Rattus) OECD 423	LD50 > 2000 mg/kg (Rattus) OECD 402	>2.5 mg/L (Rattus) 6 h
3-aminopropyltriethoxysilane	LD50 = 1490 mg/kg (Rattus, female) EPA OTS 798.1175 LD50 = 2690 mg/kg (Rattus, male) EPA OTS 798.1175	LD50 = 4076 mg/kg (Oryctolagus cuniculus) EPA OTS 798.1100	LC50 >144 mg/L (6h) Rattus (Vapour)

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Classification based on data available for ingredients. Causes severe skin burns and eye damage.

**Serious eye damage/eye irritation** Classification based on data available for ingredients. Causes serious eye damage. Causes burns.

**Respiratory or skin sensitisation** May cause an allergic skin reaction.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

# SAFETY DATA SHEET

BOSTIK HYTEC E570 ONE COAT - PART B  
 Supersedes date 18-Jul-2024

Revision date 16-Mar-2026  
 Revision Number 2.01

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT - single exposure** Based on available data, the classification criteria are not met.

**STOT - repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

**Endocrine disrupting properties** Based on available data, the classification criteria are not met.

### 11.2.2. Other information

**Other adverse effects** No information available.

**Note:** PC-ADH-8 Multi-component adhesives and sealants. This product is part of a kit. Please also refer to the SDS for the other component(s) of the kit.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea	M-Factor	M-Factor (long-term)
Hematite 1317-60-8	-	LC50: =100000mg/L (96h, Danio rerio)	-	-		
Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine 186321-96-0	EC50 (72h) = 0.77 mg/L (Pseudokirchneriella subcapitata) OECD Guideline 201	LC50: =1.806mg/L (96h, Oncorhynchus mykiss)	-	EC50 (48h) = 0.705 mg/L (Daphnia magna) OECD 202	1	1
Benzyl alcohol 100-51-6	EC 50 (72h) = 700 mg/L (Pseudokirchneriella subcapitata) OECD 201	LC50 96 h = 460 mg/L (Pimephales promelas static)	EC50 = 50 mg/L 5 min EC50 = 63.7 mg/L 15 min EC50 = 63.7 mg/L 5 min EC50 = 71.4 mg/L 30 min	EC50 48 h = 230 mg/L (Daphnia magna)		

# SAFETY DATA SHEET

**BOSTIK HYTEC E570 ONE COAT - PART B**  
**Supersedes date** 18-Jul-2024

**Revision date** 16-Mar-2026  
**Revision Number** 2.01

3-aminomethyl-3,5,5-trimethylcyclohexylamine 2855-13-2	EC50: =37mg/L (72h, Desmodesmus subspicatus)	LC50: =110mg/L (96h, Leuciscus idus)	-	EC50: =42mg/L (24h, Daphnia magna) EC50: 14.6 - 21.5mg/L (48h, Daphnia magna)		
2,4,6-tris(dimethylaminomethyl)phenol 90-72-2	EC50 (72h) = 84 mg/L (Desmodesmus subspicatus) OECD 201	CL50 (96h) =175 mg/L (Cyprinus carpio)	-	-		
1,3-Benzenedimethanamine 1477-55-0	EC50 (72h) = 20.3 mg/L (Pseudokirchnerella subcapitata) OECD 201	LC50 (96h) =87.6 mg/L (Oryzias latipes) Semi-static (OECD 203)	-	EC50 (48h) =15.2 mg/L (Daphnia magna) Static (OECD 202)		
Phenol, styrenated 61788-44-1	EL50 (72h) = 3.14 mg/L (Desmodesmus subspicatus) OECD 201	LL50 (96h) = 14.8 mg/L (Danio rerio) OECD 203	-	EL50 (48h) = 17 mg/L (Daphnia magna) OECD 202		
3-aminopropyltriethoxysilane 919-30-2	EC50 (72h) >1000 mg/L Green algae (desmodesmus subspicatus) (OECD TG 201)	LC50 (96h) >934 mg/L (Brachydanio rerio) (OECD TG 203)	-	EC50 (48h) =331 mg/L Daphnia magna (OECD TG 202)		

## 12.2. Persistence and degradability

**Persistence and degradability** No information available.

Benzyl alcohol (100-51-6)			
Method	Exposure time	Value	Results
OECD Test No. 301A: Ready Biodegradability: DOC Die-Away Test (TG 301 A)	21 days	95 - 97%	Readily biodegradable

## 12.3. Bioaccumulative potential

### Bioaccumulation

#### Component Information

Chemical name	Partition coefficient
Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine	3.38
Benzyl alcohol	1.05
3-aminomethyl-3,5,5-trimethylcyclohexylamine	0.99
2,4,6-tris(dimethylaminomethyl)phenol	0.219
1,3-Benzenedimethanamine	0.18
Phenol, styrenated	3.13
3-aminopropyltriethoxysilane	1.7

## 12.4. Mobility in soil

**Mobility in soil** No information available.

## 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment** Based on available data, the classification criteria are not met.

Chemical name	PBT and vPvB assessment

# SAFETY DATA SHEET

BOSTIK HYTEC E570 ONE COAT - PART B  
Supersedes date 18-Jul-2024

Revision date 16-Mar-2026  
Revision Number 2.01

Hematite	PBT assessment does not apply
Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine	Not PBT/vPvB
Benzyl alcohol	Not PBT/vPvB
3-aminomethyl-3,5,5-trimethylcyclohexylamine	Not PBT/vPvB
2,4,6-tris(dimethylaminomethyl)phenol	Not PBT/vPvB
1,3-Benzenedimethanamine	Not PBT/vPvB
Phenol, styrenated	Not PBT/vPvB
3-aminopropyltriethoxysilane	Not PBT/vPvB

## 12.6. Endocrine disrupting properties Endocrine disrupting properties

**Endocrine disruption for the environment** Based on available data, the classification criteria are not met.

## 12.7. Other adverse effects Other adverse effects

**Other adverse effects** No information available.  
**PMT or vPvM properties** The product contains substance(s) classified as PMT or vPvM.

Chemical name	PMT and vPvM assessment
3-aminomethyl-3,5,5-trimethylcyclohexylamine	PMT
2,4,6-tris(dimethylaminomethyl)phenol	vPvM
Phenol, styrenated	Not PMT/vPvM

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**Other information** Waste codes should be assigned by the user based on the application for which the product was used.

## SECTION 14: Transport information

**Note:** The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments made in non-bulk packages (see regulatory definition). The information shown here, may not always agree with the bill of lading shipping description for the material.

### Land transport (ADR/RID)

**14.1 UN number or ID number** UN2735

**14.2 UN proper shipping name** Amines, liquid, corrosive, n.o.s. (3-aminomethyl-3,5,5-trimethylcyclohexylamine, 1,3-Benzenedimethanamine)

**14.3 Transport hazard class(es)** 8

**Labels** 8

**14.4 Packing group** III

**Description** UN2735, Amines, liquid, corrosive, n.o.s. (3-aminomethyl-3,5,5-trimethylcyclohexylamine, 1,3-Benzenedimethanamine), 8, III, (E), Environmentally Hazardous

**14.5 Environmental hazards** Yes

**14.6 Special precautions for user**

# SAFETY DATA SHEET

BOSTIK HYTEC E570 ONE COAT - PART B  
Supersedes date 18-Jul-2024

Revision date 16-Mar-2026  
Revision Number 2.01

Special Provisions 274  
Classification code C7  
Tunnel restriction code (E)  
Limited quantity (LQ) 5 L  
ADR Hazard Id (Kemmler Number) 80

## IMDG

14.1 UN number or ID number UN2735  
14.2 UN proper shipping name Amines, liquid, corrosive, n.o.s. (3-aminomethyl-3,5,5-trimethylcyclohexylamine, 1,3-Benzenedimethanamine, Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine)  
14.3 Transport hazard class(es) 8  
14.4 Packing group III  
Description UN2735, Amines, liquid, corrosive, n.o.s. (3-aminomethyl-3,5,5-trimethylcyclohexylamine, 1,3-Benzenedimethanamine, Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine), 8, III, Marine pollutant  
14.5 Marine pollutant P  
14.6 Special precautions for user  
Special Provisions 223, 274  
Limited Quantity (LQ) 5 L  
EmS-No. F-A, S-B  
14.7 Maritime transport in bulk according to IMO instruments  
Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable

## Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID number UN2735  
14.2 UN proper shipping name Amines, liquid, corrosive, n.o.s. (3-aminomethyl-3,5,5-trimethylcyclohexylamine, 1,3-Benzenedimethanamine)  
14.3 Transport hazard class(es) 8  
14.4 Packing group III  
Description UN2735, Amines, liquid, corrosive, n.o.s. (3-aminomethyl-3,5,5-trimethylcyclohexylamine, 1,3-Benzenedimethanamine), 8, III  
14.5 Environmental hazards Yes  
14.6 Special precautions for user  
Special Provisions A3, A803  
Limited quantity (LQ) 1 L  
ERG Code 8L

## SECTION 15: Regulatory information

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

#### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

#### Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

##### SVHC: Substances of Very High Concern for Authorisation:

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

# SAFETY DATA SHEET

**BOSTIK HYTEC E570 ONE COAT - PART B**  
Supercedes date 18-Jul-2024

Revision date 16-Mar-2026  
Revision Number 2.01

## **EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction**

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

## **Substance subject to authorisation per REACH Annex XIV**

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

## **Export Notification requirements**

This product does not contain substances which are regulated pursuant to Regulation (EC) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals above the level that triggers a labeling obligation under Regulation (EC) No 1272/2008. Therefore this product is not subject to prior informed consent notification.

## **Dangerous substance category per Seveso Directive (2012/18/EU)**

E2 - Hazardous to the Aquatic Environment in Category Chronic 2

## **Ozone-depleting substances (ODS) regulation (EC) 2024/590**

Not applicable

## **Persistent Organic Pollutants**

Not applicable

## **REGULATION (EU) 2019/1148 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on the marketing and use of explosives precursors**

Not applicable

## **Regulations on drug precursors (EC) No 111/2005 (export) and 273/2004 (internal trade)**

This product does not contain any substance(s) on the Drug Precursors list.

## **National regulations**

### **15.2. Chemical safety assessment**

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture

## **SECTION 16: Other information**

### **Key or legend to abbreviations and acronyms used in the safety data sheet**

#### **Full text of any hazard and/or precautionary statements referred to under Sections 2-15**

EUH071 - Corrosive to the respiratory tract  
H302 - Harmful if swallowed  
H314 - Causes severe skin burns and eye damage  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H319 - Causes serious eye irritation  
H332 - Harmful if inhaled  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects  
H411 - Toxic to aquatic life with long lasting effects  
H412 - Harmful to aquatic life with long lasting effects

# SAFETY DATA SHEET

**BOSTIK HYTEC E570 ONE COAT - PART B**  
**Supersedes date** 18-Jul-2024

**Revision date** 16-Mar-2026  
**Revision Number** 2.01

SVHC: Substances of Very High Concern for Authorisation:  
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances  
vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances  
STOT RE: Specific target organ toxicity - Repeated exposure  
STOT SE: Specific target organ toxicity - Single exposure  
EWC: European Waste Catalogue  
LOW: List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)  
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
IATA: International Air Transport Association  
ICAO: ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air  
IMDG: International Maritime Dangerous Goods  
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

## Legend SECTION 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
AGW	Occupational exposure limit value	BGW	Biological limit value
Ceiling	Maximum limit value	Sk*	Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Chronic aquatic toxicity	Calculation method
Acute aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

## Key literature references and sources for data used to compile the SDS

European Food Safety Authority (EFSA)  
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA\_RAC)  
European Chemicals Agency (ECHA) (ECHA\_API)  
U.S. Environmental Protection Agency  
Acute Exposure Guideline Level(s) (AEGL(s))  
International Uniform Chemical Information Database (IUCLID)  
Japan National Institute of Technology and Evaluation (NITE)  
NIOSH (National Institute for Occupational Safety and Health)  
International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications  
International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program  
International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set

**Prepared By** Product Safety & Regulatory Affairs

**Revision date** 16-Mar-2026

**Training Advice** No information available

**Further information** No information available

# SAFETY DATA SHEET

**BOSTIK HYTEC E570 ONE COAT - PART B**  
Supersedes date 18-Jul-2024

Revision date 16-Mar-2026  
Revision Number 2.01

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**Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)**

Regulation (EC) No. 1907/2006 as amended by Regulation (EU) No. 2020/878, and Regulation (EC) No. 1272/2008

**Disclaimer**

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.

**End of Safety Data Sheet**