



## Safety Data Sheet

Prepared in Accordance with HPR  
(SOR/2015-17)

### 1. Identification of the Substance/Mixture and the Company/Undertaking

- 1.1 **Product Identifier** 8848B1NL
- Product Name:** POLYCLAD 777 FAST-SET PART B **Revision Date:** 04/15/2019
- Supercedes Date:** 08/10/2015
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against** Component of multicomponent industrial coatings - Industrial use.
- 1.3 **Details of the supplier of the safety data sheet**
- Importer:** StonCor Canada  
95 Sunray Street  
Whitby, Ontario L1N 8Y3  
Tel: 905-430-3333
- Manufacturer:** Carboline Company  
2150 Schuetz Road  
St. Louis, MO USA 63146
- Regulatory / Technical Information:  
Contact Carboline Technical Services at  
1-800-848-4645
- Datasheet Produced by:** Alotta, Vicki - ehs@stoncor.com
- 1.4 **Emergency telephone number:** CHEMTREC +1 703 5273887 (Outside US)

### 2. Hazard Identification

#### 2.1 Classification of the substance or mixture

Allergic effects  
Eye Irritation, category 2

## 2.2 Label elements

### Symbol(s) of Product



### Signal Word

Warning

### Named Chemicals on Label

### HAZARD STATEMENTS

Allergic effects	EUH208	Contains ORGANIC TIN. May produce an allergic reaction.
Eye Irritation, category 2	H319	Causes serious eye irritation.

### PRECAUTION PHRASES

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

## 2.3 Other hazards

No Information

### Results of PBT and vPvB assessment:

The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

## 3. Composition/Information On Ingredients

### 3.2 Mixtures

#### Hazardous Ingredients

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>%</u>
102-60-3	TETRAHYDROXYPROPYLEHTYLENDIAMINE	25 - <50
13463-67-7	TITANIUM DIOXIDE	2.5 - <10
1333-86-4	CARBON BLACK	1.0 - <2.5
2530-85-0	SILANE	1.0 - <2.5
77-58-7	ORGANIC TIN	0.1 - <1.0

<u>CAS-No.</u>	<u>GHS Symbols</u>	<u>GHS Hazard Statements</u>	<u>M-Factors</u>
102-60-3	GHS07	H319	0
13463-67-7			0
1333-86-4			0
2530-85-0	GHS07	H315-319-335	0
77-58-7	GHS05-GHS07-GHS08-GHS09	H314-317-341-360-370-400	1

**Additional Information:** The text for GHS Hazard Statements shown above (if any) is given in Section 16.

## 4. First-aid Measures

### 4.1 Description of First Aid Measures

**AFTER INHALATION:** Give oxygen or artificial respiration if needed. Remove person to fresh air. If signs/symptoms continue, get medical attention.

**AFTER SKIN CONTACT:** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while

removing contaminated clothing and shoes. If skin irritation persists, call a physician.

**AFTER EYE CONTACT:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**AFTER INGESTION:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If swallowed, call a poison control centre or doctor immediately.

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

Irritating to eyes, respiratory system and skin. May be harmful if swallowed.

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

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

When symptoms persist or in all cases of doubt seek medical advice.

## 5. Fire-fighting Measures

### 5.1 Extinguishing Media:

Carbon Dioxide, Dry Chemical, Foam, Water Fog

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Vapors may spread long distances and ignite.

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

No Information

### 5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus. Evacuate personnel to safe areas. Use NIOSH approved respiratory protection. Use water spray to cool unopened containers.

## 6. Accidental Release Measures

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

Ensure adequate ventilation. Evacuate personnel to safe areas. Remove all sources of ignition. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded. Wear personal protective equipment. For personal protection see section 8.

### 6.2 Environmental precautions

Do not allow material to contaminate ground water system. Prevent product from entering drains.

### 6.3 Methods and material for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

### 6.4 Reference to other sections

Please refer to disposal requirements or country specific disposal requirements for this material. See Section 13 for further information.

## 7. Handling and Storage

### 7.1 Precautions for safe handling

**INSTRUCTIONS FOR SAFE HANDLING :** Keep containers dry and tightly closed to avoid moisture absorption and contamination. Prepare the working solution as given on the label(s) and/or the user instructions. Ensure all equipment is electrically grounded before beginning transfer operations. Do not get in eyes, on skin, or on clothing. Use only with adequate ventilation/personal protection. Avoid breathing vapors, mist or gas. Wash thoroughly after handling.

**PROTECTION AND HYGIENE MEASURES :** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke.

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

**CONDITIONS TO AVOID:** Heat, flames and sparks.

**STORAGE CONDITIONS:** Keep container closed when not in use. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

### 7.3 Specific end use(s)

No specific advice for end use available.

## 8. Exposure Controls/Personal Protection

### 8.1 Control parameters

#### Ingredients with Occupational Exposure Limits (US)

<u>Name</u>	<u>CAS-No.</u>	<u>ACGIH TWA</u>	<u>ACGIH STEL</u>	<u>ACGIH Ceiling</u>
TETRAHYDROXYPROPYLEHTYLENDIAMIN E	102-60-3	N/E	N/E	N/E
TITANIUM DIOXIDE	13463-67-7	10 mg/m3	N/E	N/E
CARBON BLACK	1333-86-4	3 MGM3	N/E	N/E
SILANE	2530-85-0	N/E	N/E	N/E
ORGANIC TIN	77-58-7	N/E	N/E	N/E

<u>Name</u>	<u>CAS-No.</u>	<u>OSHA PEL</u>	<u>OSHA STEL</u>
TETRAHYDROXYPROPYLEHTYLENDIAMIN E	102-60-3	N/E	N/E
TITANIUM DIOXIDE	13463-67-7	15 MGM3	N/E
CARBON BLACK	1333-86-4	3.5 MG/M3	N/E
SILANE	2530-85-0	N/E	N/E
ORGANIC TIN	77-58-7	0.10 mg/m3	N/E

**FURTHER INFORMATION:** Refer to the regulatory exposure limits for the workforce enforced in each country.

### 8.2 Exposure controls

#### Personal Protection

**RESPIRATORY PROTECTION:** In order to avoid inhalation of spray-mist and sanding dust, all spraying and sanding must be done wearing adequate respirator. Use only with ventilation to keep levels below exposure guidelines reported in this document. User should test and monitor exposure levels to ensure all personnel are below guidelines. If not sure, or not able to monitor, use State or federally approved supplied air respirator. For silica containing coatings in a liquid state, and/or if no exposure limits are established above, air-supplied respirators are generally not required.

**EYE PROTECTION:** Ensure that eyewash stations and safety showers are close to the workstation location. Safety glasses with side-shields.

**HAND PROTECTION:** Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Impervious gloves. Request information on glove permeation properties from the glove supplier. Lightweight protective clothing

**OTHER PROTECTIVE EQUIPMENT:** No Information

**ENGINEERING CONTROLS:** Avoid contact with skin, eyes and clothing. Use only in an area equipped with explosion proof exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

## 9. Physical and Chemical Properties

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

<b>Appearance:</b>	Viscous Liquid, Various Colors
<b>Physical State</b>	Liquid
<b>Odor</b>	Slight
<b>Odor threshold</b>	N/D
<b>pH</b>	N/D
<b>Melting point / freezing point (°C)</b>	N/D
<b>Boiling point/range</b>	149 F (65 C) - 595 F (313 C)
<b>Flash Point</b>	330F (165.6C)
<b>Evaporation rate</b>	Slower Than Ether
<b>Flammability (solid, gas)</b>	Not determined
<b>Upper/lower flammability or explosive limits</b>	0.5 - 36.0
<b>Vapour Pressure, mmHg</b>	N/D
<b>Vapour density</b>	Heavier than Air
<b>Relative density</b>	Not determined
<b>Solubility in / Miscibility with water</b>	N/D
<b>Partition coefficient: n-octanol/water</b>	Not determined
<b>Auto-ignition temperature (°C)</b>	Not determined
<b>Decomposition temperature (°C)</b>	Not determined
<b>Viscosity</b>	Unknown
<b>Explosive properties</b>	Not determined
<b>Oxidising properties</b>	Not determined

**9.2 Other information**

<b>VOC Content g/l:</b>	0
<b>Specific Gravity (g/cm3)</b>	1.05

## 10. Stability and Reactivity

**10.1 Reactivity**

No reactivity hazards known under normal storage and use conditions.

**10.2 Chemical stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

Hazardous polymerisation does not occur.

**10.4 Conditions to avoid**

Heat, flames and sparks.

**10.5 Incompatible materials**

Strong oxidizing agents.

**10.6 Hazardous decomposition products**

Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke.

## 11. Toxicological Information

### 11.1 Information on toxicological effects

**Acute Toxicity:**

Oral LD50: N/D

Inhalation LC50: N/D

**Irritation:** Skin Irritation, category 2

**Corrosivity:** Serious Eye Damage, category 1

**Sensitization:** Unknown

**Repeated dose toxicity:** Unknown

**Carcinogenicity:** Unknown

**Mutagenicity:** Unknown

**Toxicity for reproduction:** Unknown

**STOT-single exposure:** Unknown

**STOT-repeated exposure:** Unknown

**Aspiration hazard:** Unknown

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested. Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>	<u>Gas LC50</u>	<u>Dust/Mist LC50</u>
13463-67-7	TITANIUM DIOXIDE	25000 mg/kg, oral (rat)	Not Available	Not Available	No Information	No Information
1333-86-4	CARBON BLACK	8000 mg/kg oral, rat	Not Available	Not Available		
2530-85-0	SILANE	Not Available		Not Available	0.000	0.000
77-58-7	ORGANIC TIN	2071 mg/kg, oral, rat	Not Available	Not Available	0.000	0.000

**Additional Information:**

No Information

## 12. Ecological Information

### 12.1 Toxicity:

EC50 48hr (Daphnia): Unknown

IC50 72hr (Algae): Unknown

LC50 96hr (fish): Unknown

12.2	<b>Persistence and degradability:</b>	Unknown
12.3	<b>Bioaccumulative potential:</b>	Unknown
12.4	<b>Mobility in soil:</b>	Unknown
12.5	<b>Results of PBT and vPvB assessment:</b>	The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.
12.6	<b>Other adverse effects:</b>	Unknown

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>EC50 48hr</u>	<u>IC50 72hr</u>	<u>LC50 96hr</u>
102-60-3	TETRAHYDROXYPROPYLEHTYLENDIAMIN E	No information	No information	No information
13463-67-7	TITANIUM DIOXIDE	No information	No information	No information
1333-86-4	CARBON BLACK	No information	No information	No information
2530-85-0	SILANE	No information	No information	No information
77-58-7	ORGANIC TIN	No information	No information	No information

### 13. Disposal Considerations

- 13.1 **WASTE TREATMENT METHODS:** Do not burn, or use a cutting torch on, the empty drum. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of in accordance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### 14. Transport Information

14.1	<b>UN number</b>	None
14.2	<b>UN proper shipping name</b>	Not Regulated
	<b>Technical name</b>	N/A
14.3	<b>Transport hazard class(es)</b>	None
	<b>Subsidiary shipping hazard</b>	N/A
14.4	<b>Packing group</b>	N/A
14.5	<b>Environmental hazards</b>	Unknown
14.6	<b>Special precautions for user</b>	Unknown
	<b>EmS-No.:</b>	N/A
14.7	<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code</b>	Unknown

### 15. Regulatory Information

- 15.1 **Safety, health and environmental regulations/legislation for the substance or mixture:**

**National Regulations:**

<b>Denmark Product Registration Number:</b>	Unknown
<b>Danish MAL Code:</b>	Unknown
<b>Sweden Product Registration Number:</b>	Unknown
<b>Norway Product Registration Number:</b>	Unknown
<b>WGK Class:</b>	No Information

**U.S. Federal Regulations: As follows -****CERCLA - Sara Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Serious eye damage or eye irritation

**Sara Section 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>
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No Sara 313 components exist in this product.

**Toxic Substances Control Act:**

All components of this product are either listed on the TSCA Inventory or are exempt.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA 12(b) components exist in this product.

**International Regulations: As follows -****\* Canadian DSL:**

All chemical ingredients included on inventory (DSL)

**15.2 Chemical Safety Assessment:**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

**16. Other Information****Text for GHS Hazard Statements shown in Section 3 describing each ingredient:**

H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H360	May damage fertility or the unborn child.
H370	Causes damage to organs.



H400

Very toxic to aquatic life.

**Reasons for revision**

No Information

The information contained herein is, to the best of our knowledge and belief accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.