



## 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** 174PB1NL
- Product Name:** SEMSTONE 140 CT PART B **Revision Date:** 06/05/2019
- 1.2 Relevant identified uses of the substance or mixture and uses advised against** Component of multicomponent industrial coatings - Industrial use. **Supersedes Date:** 07/27/2016
- 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

Acute Toxicity, Inhalation, category 1  
Hazardous to the aquatic environment, Chronic, category 2  
Reproductive Toxicity, category 1A  
STOT, single exposure, category 3, RTI  
Skin Corrosion, category 1  
Skin Sensitizer, category 1

## 2.2 Label elements

### Symbol(s) of Product



### Signal Word

Danger

### Named Chemicals on Label

BISPHENOL A, BENZYL ALCOHOL, ALIPHATIC AMINE, DIETHYLENETRIAMINE, AMINOETHYLPIPERAZINE, ISOPHORONEDIAMINE, AMINE ADDUCT, 4-NONYL PHENOL, BRANCHED

### HAZARD STATEMENTS

Acute Toxicity, Oral, category 4	H302	Harmful if swallowed.
Acute Toxicity, Dermal, category 3	H311	Toxic in contact with skin.
Skin Corrosion, category 1	H314-1	Causes severe skin burns and eye damage.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.
Acute Toxicity, Inhalation, category 1	H330-1	Fatal if inhaled.
STOT, single exposure, category 3, RTI	H335	May cause respiratory irritation.
Reproductive Toxicity, category 1A	H360-1A	May damage fertility or the unborn child.
Hazardous to the aquatic environment, Chronic, category 2	H411	Toxic to aquatic life with long lasting effects.

### PRECAUTION PHRASES

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P284	Wear respiratory protection.
P301+310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301+330+331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P333+313	If skin irritation or rash occurs: Get medical advice/attention.
P352	Wash with plenty of soap and water.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P403+233	Store in a well-ventilated place. Keep container tightly closed.

**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>
80-05-7	BISPHENOL A	10 - <25
140-31-8	AMINOETHYLPIPERAZINE	10 - <25
100-51-6	BENZYL ALCOHOL	10 - <25
111-40-0	DIETHYLENETRIAMINE	10 - <25
2855-13-2	ISOPHORONEDIAMINE	10 - <25
68609-08-5	AMINE ADDUCT	2.5 - <10
84852-15-3	4-NONYL PHENOL, BRANCHED	2.5 - <10
103-83-3	ALIPHATIC AMINE	2.5 - <10

<u>CAS-No.</u>	<u>GHS Symbols</u>	<u>GHS Hazard Statements</u>	<u>M-Factors</u>
80-05-7	GHS05-GHS07-GHS08-GHS09	H317-318-335-360-411	0
140-31-8	GHS05-GHS06	H311-314-317-412	0
100-51-6	GHS07	H302-312-319-332	0
111-40-0	GHS05-GHS06	H302-312-314-317-330-335	0
2855-13-2	GHS05-GHS07	H302-312-314-317-412	0
68609-08-5	GHS05-GHS07-GHS09	H411	0
84852-15-3	GHS05-GHS07-GHS08-GHS09	H302-314-361-400-410	0
103-83-3	GHS02-GHS05-GHS07	H226-302-312-314-332-412	0

**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**

Causes burns. May be harmful if swallowed. Corrosive after repeated contact with skin and mucous membranes.

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

Immediate medical attention is required.

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

**5. Fire-fighting Measures****5.1 Extinguishing Media:**

None Known

**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>
BISPHENOL A	80-05-7	N/E	N/E	N/E
AMINOETHYLPIPERAZINE	140-31-8	N/E	N/E	N/E
BENZYL ALCOHOL	100-51-6	N/E	N/E	N/E
DIETHYLENETRIAMINE	111-40-0	1 PPM	N/E	N/E
ISOPHORONEDIAMINE	2855-13-2	N/E	N/E	N/E
AMINE ADDUCT	68609-08-5	N/E	N/E	N/E
4-NONYL PHENOL, BRANCHED	84852-15-3	N/E	N/E	N/E

<u>Name</u>	<u>CAS-No.</u>	<u>OSHA PEL</u>	<u>OSHA STEL</u>
ALIPHATIC AMINE	103-83-3	N/E	N/E
BISPHENOL A	80-05-7	N/E	N/E
AMINOETHYLPIPERAZINE	140-31-8	N/E	N/E
BENZYL ALCOHOL	100-51-6	N/E	N/E
DIETHYLENETRIAMINE	111-40-0	4 MGM3, 1 PPM	N/E
ISOPHORONEDIAMINE	2855-13-2	N/E	N/E
AMINE ADDUCT	68609-08-5	N/E	N/E
4-NONYL PHENOL, BRANCHED	84852-15-3	N/E	N/E
ALIPHATIC AMINE	103-83-3	N/E	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>	Yellowish Liquid
<b>Physical State</b>	Liquid
<b>Odor</b>	Ammonia
<b>Odor threshold</b>	Not Determined
<b>pH</b>	Not Determined
<b>Melting point / freezing point (°C)</b>	Not Determined
<b>Boiling point/range</b>	149 F (65 C) - 431 F (222 C)
<b>Flash Point</b>	178F (81C)

<b>Evaporation rate</b>	Slower Than Ether
<b>Flammability (solid, gas)</b>	Not determined
<b>Upper/lower flammability or explosive limits</b>	1.3 - 13.0
<b>Vapour Pressure, mmHg</b>	Not Determined
<b>Vapour density</b>	Heavier than Air
<b>Relative density</b>	Not determined
<b>Solubility in / Miscibility with water</b>	Not Determined
<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>	Not Determined
<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/cm<sup>3</sup>)</b>	1.04

## 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: Unknown

Corrosivity: Skin Corrosion, category 1

Sensitization: Skin Sensitizer, category 1

Repeated dose toxicity: Unknown

Carcinogenicity: Unknown

Mutagenicity: Unknown

Toxicity for reproduction: Reproductive Toxicity, category 1A

STOT-single exposure: STOT, single exposure, category 3, RTI

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>
80-05-7	BISPHENOL A	11400 mg/kg, oral, rat	Not Available	Not Available	0.000	0.000
140-31-8	AMINOETHYLPIPERAZINE	2140 mg/kg, oral, rat		Not Available	0.000	0.000
100-51-6	BENZYL ALCOHOL	1230 mg/kg rat, oral	2000 mg/kg, dermal, rabbit	4176 mg/l / 4h, Inh, Rat		
111-40-0	DIETHYLENETRIAMINE	1080 mg/kg, oral, rat	1045 mg/kg, dermal, rabbit	0.07 mg/l, 4 hr, Inh, Rat	0.000	0.000
2855-13-2	ISOPHORONEDIAMINE	500 mg/kg oral		Not Available		
68609-08-5	AMINE ADDUCT	500 mg/kg oral, rat		Not Available	0.000	0.000
84852-15-3	4-NONYL PHENOL, BRANCHED	1620 mg/kg oral		Not Available	0.000	0.000
103-83-3	ALIPHATIC AMINE	Not Available		Not Available	0.000	0.000

#### Additional Information:

No Information

## 12. Ecological Information

<b>12.1 Toxicity:</b>	
EC50 48hr (Daphnia):	Unknown
IC50 72hr (Algae):	Unknown
LC50 96hr (fish):	Unknown
<b>12.2 Persistence and degradability:</b>	Unknown
<b>12.3 Bioaccumulative potential:</b>	Unknown
<b>12.4 Mobility in soil:</b>	Unknown
<b>12.5 Results of PBT and vPvB assessment:</b>	The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.
<b>12.6 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>
80-05-7	BISPHENOL A	No information	No information	No information
140-31-8	AMINOETHYLPIPERAZINE	No information	No information	No information
100-51-6	BENZYL ALCOHOL	230 mg/l (Daphnia)	700 mg/l (Algae)	10 mg/l (Fish)
111-40-0	DIETHYLENTRIAMINE	32 mg/l (Daphnia)	1164 mg/l (Algae)	430 mg/l (Fish)
2855-13-2	ISOPHORONEDIAMINE	No information	No information	No information
68609-08-5	AMINE ADDUCT	No information	No information	No information
84852-15-3	4-NONYL PHENOL, BRANCHED	No information	No information	No information
103-83-3	ALIPHATIC AMINE	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

<b>14.1 UN number</b>	UN 3066
<b>14.2 UN proper shipping name</b>	Paint
<b>Technical name</b>	N/A
<b>14.3 Transport hazard class(es)</b>	8
<b>Subsidiary shipping hazard</b>	N/A
<b>14.4 Packing group</b>	III
<b>14.5 Environmental hazards</b>	Unknown
<b>14.6 Special precautions for user</b>	Unknown
<b>EmS-No.:</b>	F-A, S-B
<b>14.7 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:

Denmark Product Registration Number:	Unknown
Danish MAL Code:	Unknown
Sweden Product Registration Number:	Unknown
Norway Product Registration Number:	Unknown
WGK Class:	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:

Acute Toxicity (any route of exposure), Reproductive toxicity, Skin Corrosion or Irritation, Respiratory or Skin Sensitization, Specific target organ toxicity (single or repeated exposure)

#### 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>
BISPHENOL A	80-05-7
4-NONYL PHENOL, BRANCHED	84852-15-3

#### 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:

H226 Flammable liquid and vapour.

H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H360	May damage fertility or the unborn child.
H361	Suspected of damaging fertility or the unborn child.
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.

**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.