



# Safety Data Sheet

Issue Date: 21-May-2013

Revision Date: 29-Nov-2017

Version 1

## 1. IDENTIFICATION

### Product Identifier

Product Name PC Autobond, Part A

### Other means of identification

SDS # 130708-39R-CA

Synonyms None

UN/ID No UN3077

### Recommended use of the chemical and restrictions on use

Recommended Use Adhesives

Uses Advised Against No information available

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

#### Initial Supplier Identifier

THIS SAFETY DATA SHEET  
IS NOT COMPLIANT UNLESS  
CANADIAN ADDRESS IS USED

#### Manufacturer Address

Protective Coatings Co.  
221 S Third St.  
Allentown, PA 18102 USA  
610-432-3543 / 800-220-2103

### Emergency Telephone Number

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

Appearance Beige paste

Physical state Paste

Odour Pungent

### Classification

|                                   |             |
|-----------------------------------|-------------|
| Skin corrosion/irritation         | Category 2  |
| Serious eye damage/eye irritation | Category 2A |
| Skin sensitisation                | Category 1  |

### Label Elements

#### Signal word

Warning

**Hazard statements**

Causes skin irritation  
 Causes serious eye irritation  
 May cause an allergic skin reaction

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Avoid breathing dust/fume/gas/mist/vapours/spray  
 Contaminated work clothing should not be allowed out of the workplace

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention  
 IF ON SKIN: Wash with plenty of water and soap  
 Take off all contaminated clothing and wash it before reuse  
 If skin irritation or rash occurs: Get medical advice/attention

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other Information**

Toxic to aquatic life with long lasting effects

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance**

| Chemical Name                         | CAS No     | Weight-% | Hazardous Material<br>Information Review Act<br>registry number<br>(HMIRA registry #) | Date HMIRA filed and<br>date exemption<br>granted (if applicable) |
|---------------------------------------|------------|----------|---|---|
| Bisphenol A - Epichlorohydrin polymer | 25068-38-6 | 100      | -   | -   |

### 4. FIRST AID MEASURES

**First Aid Measures****General advice**

Provide this SDS to medical personnel for treatment. After first aid, get appropriate in-plant, paramedic, or community medical support.

**Eye contact**

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

|                     |  |
|---------------------|--|
| <b>Skin contact</b> | Wash with soap and water. Remove and wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.         |
| <b>Inhalation</b>   | Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician/poison center if individual's condition declines or if symptoms persist. |
| <b>Ingestion</b>    | Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Seek medical advice.  |

**Most important symptoms and effects**

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | Causes eye irritation. Direct contact may cause temporary redness and discomfort. Causes skin irritation. May cause nose, throat, and lung irritation. Can cause allergic response in susceptible or hypersensitive individuals upon repeated or prolonged exposure. |
|-----------------|--|

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

|                        |  |
|------------------------|--|
| <b>Note to doctors</b> | Skin and eye conditions may be aggravated by long term exposure. |
|------------------------|--|

## 5. FIREFIGHTING MEASURES

|   |  |
|---|--|
| <b>Suitable Extinguishing Media</b>                   | Dry chemical, CO2 or water spray.  |
| <b>Unsuitable extinguishing media</b>                 | Not determined.  |
| <b>Specific hazards arising from the chemical</b>     | Product is not flammable.  |
| <b>Hazardous Combustion Products</b>                  | Carbon monoxide. Carbon dioxide (CO2). Aldehydes.  |
| <b>Explosion Data</b>                                 |  |
| <b>Sensitivity to Mechanical Impact</b>               | None.  |
| <b>Sensitivity to Static Discharge</b>                | None.  |
| <b>Special protective equipment for fire-fighters</b> | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. |

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

|                             |  |
|-----------------------------|--|
| <b>Personal precautions</b> | Wear protective gloves/protective clothing and eye/face protection. Avoid breathing dust/fume/gas/mist/vapours/spray. Remove any contaminated clothing and wash thoroughly before reuse. |
|-----------------------------|--|

**Environmental precautions**

|                                  |   |
|----------------------------------|---|
| <b>Environmental precautions</b> | See Section 12 for additional Ecological Information. Prevent runoff from entering drains, sewers or streams. |
|----------------------------------|---|

**Methods and material for containment and cleaning up**

|                                |   |
|--------------------------------|---|
| <b>Methods for containment</b> | Prevent further leakage or spillage if safe to do so. Soak up and contain spill with an absorbent material. |
|--------------------------------|---|

|  |  |
|--|--|
| <b>Methods for cleaning up</b>         | Dispose of contents/container to an approved waste disposal plant. Sweep up absorbed material and shovel into suitable containers for disposal. Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. For waste disposal, see section 13 of the SDS. |
| <b>Prevention of secondary hazards</b> | Clean contaminated objects and areas thoroughly observing environmental regulations.   |

## 7. HANDLING AND STORAGE

### Precautions for safe handling

|                                |   |
|--------------------------------|---|
| <b>Advice on safe handling</b> | Handle in accordance with good industrial hygiene and safety practice. Wear protective gloves/protective clothing and eye/face protection. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash face, hands and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. |
|--------------------------------|---|

### Conditions for safe storage, including any incompatibilities

|                               |  |
|-------------------------------|--|
| <b>Storage Conditions</b>     | Keep containers tightly closed in a dry, cool and well-ventilated place. Store contents under <90F (32C). NFPA Class IIIB storage. |
| <b>Incompatible materials</b> | None known based on information supplied   |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

|                        |   |
|------------------------|---|
| <b>Exposure Limits</b> | This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. |
|------------------------|---|

### Appropriate engineering controls

|                             |  |
|-----------------------------|--|
| <b>Engineering controls</b> | Provide general or local exhaust ventilation if product is sanded or ground. |
|-----------------------------|--|

### Individual protection measures, such as personal protective equipment

|                                       |  |
|---------------------------------------|--|
| <b>Eye/face protection</b>            | Chemical safety goggles/faceshield. If necessary, refer to appropriate regulations and standards.  |
| <b>Skin and body protection</b>       | Wear protective gloves and protective clothing. If necessary, refer to appropriate regulations and standards.  |
| <b>Respiratory protection</b>         | Ensure adequate ventilation, especially in confined areas. Wear an appropriate NIOSH/MSHA approved respirator if ventilation is inadequate. If necessary, refer to appropriate regulations and standards.  |
| <b>General hygiene considerations</b> | Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown on section 4 of this SDS. Launder contaminated clothing before reuse. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                 |                          |
|-----------------|--------------------------|
| Physical state  | Paste                    |
| Appearance      | Beige paste              |
| Colour          | Beige                    |
| Odour           | Pungent                  |
| Odour Threshold | No information available |

| <u>Property</u>              | <u>Values</u>                       | <u>Remarks • Method</u> |
|------------------------------|-------------------------------------|-------------------------|
| pH                           | Not determined                      |                         |
| Melting Point/Freezing Point | Not available                       |                         |
| Boiling Point/Boiling Range  | No data                             |                         |
| Flash Point                  | Product does not sustain combustion |                         |
| Evaporation Rate             | Not determined                      |                         |
| Flammability (Solid, Gas)    | Not determined                      |                         |
| Flammability Limits in Air   |                                     |                         |
| Upper Flammability Limits    | Not available                       |                         |
| Lower Flammability Limit     | Not available                       |                         |
| Vapour Pressure              | Not determined                      |                         |
| Vapour Density               | Not available                       |                         |
| Relative Density             | 1.156                               |                         |
| Water Solubility             | Not determined                      |                         |
| Solubility in other solvents | Not determined                      |                         |
| Partition Coefficient        | Not determined                      |                         |
| Auto-ignition Temperature    | Not determined                      |                         |
| Decomposition Temperature    | Not determined                      |                         |
| Kinematic Viscosity          | Not determined                      |                         |
| Dynamic Viscosity            | Not determined                      |                         |
| Explosive properties         | No information available.           |                         |
| Oxidising properties         | No information available.           |                         |

### Other Information

|                  |                          |
|------------------|--------------------------|
| Softening Point  | No information available |
| Molecular weight | No information available |
| VOC Content (%)  | No information available |
| Density          | No information available |
| Bulk Density     | No information available |

## 10. STABILITY AND REACTIVITY

|                                    |   |
|------------------------------------|---|
| Reactivity                         | Not reactive under normal conditions.     |
| Chemical Stability                 | Stable under normal conditions.           |
| Possibility of Hazardous Reactions | None under normal processing.             |
| Hazardous Polymerisation           | Hazardous polymerisation does not occur.  |
| Conditions to Avoid                | Keep out of reach of children.            |
| Incompatible Materials             | None known based on information supplied. |
| Hazardous Decomposition Products   | None known based on information supplied. |

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |  |
|---------------------|--|
| <b>Eye contact</b>  | Causes serious eye irritation.   |
| <b>Skin contact</b> | Causes skin irritation. May cause an allergic skin reaction.                                       |
| <b>Inhalation</b>   | Under normal conditions of intended use, this material is not expected to be an inhalation hazard. |
| <b>Ingestion</b>    | May cause discomfort if swallowed.   |

### Information on physical, chemical and toxicological effects

**Symptoms** Please see section 4 of this SDS for symptoms.

### Numerical measures of toxicity

#### Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

**ATEmix (oral)** 11,400.00  
mg/kg

**Unknown acute toxicity** No information available

#### Component Information

| Chemical Name                                       | Oral LD50             | Dermal LD50          | Inhalation LC50 |
|---|-----------------------|----------------------|-----------------|
| Bisphenol A - Epichlorohydrin polymer<br>25068-38-6 | = 11400 mg/kg ( Rat ) | 20000 mg/kg (rabbit) | -               |

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

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

**Carcinogenicity** Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

## 12. ECOLOGICAL INFORMATION

Marine pollutant.

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

**Persistence/Degradability** No information available.

**Bioaccumulation** No information available.

**Mobility** No information available.

**Other Adverse Effects** No information available.

### 13. DISPOSAL CONSIDERATIONS

#### Waste Treatment Methods

|  |   |
|--|---|
| <b>Waste from residues/unused products</b> | Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. |
| <b>Contaminated packaging</b>              | Do not reuse empty containers.  |

### 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances

#### DOT

|                             |   |
|-----------------------------|---|
| <b>UN/ID No</b>             | UN3077  |
| <b>Proper Shipping Name</b> | Environmentally hazardous substance, solid, n.o.s. (reaction product: bisphenol-A-(epichlorhydrin); epoxy resin). |
| <b>Hazard Class</b>         | 9   |
| <b>Packing Group</b>        | III   |
| <b>Marine Pollutant</b>     | Marine pollutant.   |

#### TDG

|                             |   |
|-----------------------------|---|
| <b>UN/ID No</b>             | UN3077  |
| <b>Proper Shipping Name</b> | Environmentally hazardous substance, solid, n.o.s. (reaction product: bisphenol-A-(epichlorhydrin); epoxy resin). |
| <b>Hazard Class</b>         | 9   |
| <b>Packing Group</b>        | III   |

#### IATA

|                             |   |
|-----------------------------|---|
| <b>UN/ID No</b>             | UN3077  |
| <b>Proper Shipping Name</b> | Environmentally hazardous substance, solid, n.o.s. (reaction product: bisphenol-A-(epichlorhydrin); epoxy resin). |
| <b>Hazard Class</b>         | 9   |
| <b>Packing Group</b>        | III   |

#### IMDG

|                             |   |
|-----------------------------|---|
| <b>UN/ID No</b>             | UN3077  |
| <b>Proper Shipping Name</b> | Environmentally hazardous substance, solid, n.o.s. (reaction product: bisphenol-A-(epichlorhydrin); epoxy resin). |
| <b>Hazard Class</b>         | 9   |
| <b>Packing Group</b>        | III   |
| <b>Marine Pollutant</b>     | Yes   |

### 15. REGULATORY INFORMATION

#### REGULATORY INFORMATION

##### International Regulations

|   |                |
|---|----------------|
| <b>Ozone-depleting substances (ODS)</b> | Not applicable |
| <b>Persistent Organic Pollutants</b>    | Not applicable |
| <b>Export Notification requirements</b> | Not applicable |

**International Inventories**

| Chemical Name                               | TSCA | DSL/NDL | EINECS/ELI<br>NCS | ENCS    | IECSC | KECL    | PICCS | AICS |
|---|------|---------|-------------------|---------|-------|---------|-------|------|
| Bisphenol A -<br>Epichlorohydrin<br>polymer | X    | X       | X                 | Present | X     | Present | X     | X    |

**Legend:****TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS** - Japan Existing and New Chemical Substances**IECSC** - China Inventory of Existing Chemical Substances**KECL** - Korean Existing and Evaluated Chemical Substances**PICCS** - Philippines Inventory of Chemicals and Chemical Substances**AICS** - Australian Inventory of Chemical Substances**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

|             |                         |                       |                           |   |
|-------------|-------------------------|-----------------------|---------------------------|---|
| <b>NFPA</b> | <b>Health Hazards</b> 2 | <b>Flammability</b> 0 | <b>Instability</b> 0      | <b>Special Hazards</b> Not<br>determined                |
| <b>HMIS</b> | <b>Health Hazards</b> 2 | <b>Flammability</b> 0 | <b>Physical hazards</b> 0 | <b>Personal Protection</b> B-<br>Safety Glasses, Gloves |

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA TWA (time-weighted average)

STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value

\* Skin designation

**Issue Date:** 21-May-2013**Revision Date:** 29-Nov-2017**Revision Note:** New format.**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**





# Safety Data Sheet

Issue Date: 21-May-2013

Revision Date: 29-Nov-2017

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** PC Autobond, Part B

### Other means of identification

**SDS #** 130708-40R-CA

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Sealants and adhesives

**Uses Advised Against** No information available

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

#### Initial Supplier Identifier

THIS SAFETY DATA SHEET  
IS NOT COMPLIANT UNLESS  
CANADIAN ADDRESS IS USED

#### Manufacturer Address

Protective Coatings Co.  
221 S Third St.  
Allentown, PA 18102 USA  
610-432-3543 / 800-220-2103

### Emergency Telephone Number

**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Beige paste

**Physical state** Paste

**Odour** Pungent

### Classification

This chemical does not meet the hazardous criteria set forth by the 2015 WHMIS standards. However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

### Label Elements

None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance

| Chemical Name                        | CAS No  | Weight-% | Hazardous Material Information Review Act registry number (HMIRA registry #) | Date HMIRA filed and date exemption granted (if applicable) |
|--------------------------------------|---------|----------|--|---|
| 2,4,6-Tri(dimethylaminomethyl)phenol | 90-72-2 | 5        | -  | -   |

### 4. FIRST AID MEASURES

#### First Aid Measures

|                       |  |
|-----------------------|--|
| <b>General advice</b> | Provide this SDS to medical personnel for treatment. After first aid, get appropriate in-plant, paramedic, or community medical support.   |
| <b>Eye contact</b>    | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists: Get medical advice/attention. |
| <b>Skin contact</b>   | Wash with soap and water. Remove and wash contaminated clothing before reuse. Get medical attention if irritation occurs.  |
| <b>Inhalation</b>     | Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician/poison center if individual's condition declines or if symptoms persist.   |
| <b>Ingestion</b>      | Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Seek medical advice.                                   |

#### Most important symptoms and effects

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | May cause eye, skin and respiratory tract irritation. Direct contact may cause temporary redness and discomfort. May cause nose, throat, and lung irritation. |
|-----------------|---|

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

|                        |  |
|------------------------|--|
| <b>Note to doctors</b> | Skin and eye conditions may be aggravated by long term exposure. |
|------------------------|--|

### 5. FIREFIGHTING MEASURES

|   |  |
|---|--|
| <b>Suitable Extinguishing Media</b>                   | Dry chemical, CO2 or water spray.  |
| <b>Unsuitable extinguishing media</b>                 | Not determined.  |
| <b>Specific hazards arising from the chemical</b>     | Product is not flammable.  |
| <b>Hazardous Combustion Products</b>                  | Carbon monoxide. Carbon dioxide (CO2). Aldehydes.  |
| <b>Explosion Data</b>                                 |  |
| <b>Sensitivity to Mechanical Impact</b>               | None.  |
| <b>Sensitivity to Static Discharge</b>                | None.  |
| <b>Special protective equipment for fire-fighters</b> | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. |

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective gloves/protective clothing and eye/face protection. Avoid breathing dust/fume/gas/mist/vapours/spray. Remove any contaminated clothing and wash thoroughly before reuse.

### Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information. Prevent runoff from entering drains, sewers or streams.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so. Soak up and contain spill with an absorbent material.

**Methods for cleaning up** Dispose of contents/container to an approved waste disposal plant. Sweep up absorbed material and shovel into suitable containers for disposal. Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. For waste disposal, see section 13 of the SDS.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Wear appropriate personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash face, hands and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store contents under <90F (32C). NFPA Class IIIB storage.

**Incompatible materials** None known based on information supplied

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriate engineering controls

**Engineering controls** Provide general or local exhaust ventilation if product is sanded or ground.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Chemical safety goggles/faceshield. If necessary, refer to appropriate regulations and standards.

|                                       |  |
|---------------------------------------|--|
| <b>Skin and body protection</b>       | Wear protective gloves and protective clothing. If necessary, refer to appropriate regulations and standards.  |
| <b>Respiratory protection</b>         | Ensure adequate ventilation, especially in confined areas. Wear an appropriate NIOSH/MSHA approved respirator if ventilation is inadequate. If necessary, refer to appropriate regulations and standards.  |
| <b>General hygiene considerations</b> | Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown on section 4 of this SDS. Launder contaminated clothing before reuse. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                        |                          |
|------------------------|--------------------------|
| <b>Physical state</b>  | Paste                    |
| <b>Appearance</b>      | Beige paste              |
| <b>Colour</b>          | Beige                    |
| <b>Odour</b>           | Pungent                  |
| <b>Odour Threshold</b> | No information available |

| <u>Property</u>                     | <u>Values</u>                       | <u>Remarks • Method</u> |
|-------------------------------------|-------------------------------------|-------------------------|
| <b>pH</b>                           | Not determined                      |                         |
| <b>Melting Point/Freezing Point</b> | Not available                       |                         |
| <b>Boiling Point/Boiling Range</b>  | No data                             |                         |
| <b>Flash Point</b>                  | Product does not sustain combustion | CC (closed cup)         |
| <b>Evaporation Rate</b>             | Not determined                      |                         |
| <b>Flammability (Solid, Gas)</b>    | Not determined                      |                         |
| <b>Flammability Limits in Air</b>   |                                     |                         |
| <b>Upper Flammability Limits</b>    | Not available                       |                         |
| <b>Lower Flammability Limit</b>     | Not available                       |                         |
| <b>Vapour Pressure</b>              | Not determined                      |                         |
| <b>Vapour Density</b>               | Not available                       |                         |
| <b>Relative Density</b>             | 1.157                               |                         |
| <b>Water Solubility</b>             | Insoluble in water                  |                         |
| <b>Solubility in other solvents</b> | Not determined                      |                         |
| <b>Partition Coefficient</b>        | Not determined                      |                         |
| <b>Auto-ignition Temperature</b>    | Not determined                      |                         |
| <b>Decomposition Temperature</b>    | Not determined                      |                         |
| <b>Kinematic Viscosity</b>          | Not determined                      |                         |
| <b>Dynamic Viscosity</b>            | Not determined                      |                         |
| <b>Explosive properties</b>         | No information available.           |                         |
| <b>Oxidising properties</b>         | No information available.           |                         |

### Other Information

|                         |                          |
|-------------------------|--------------------------|
| <b>Softening Point</b>  | No information available |
| <b>Molecular weight</b> | No information available |
| <b>VOC Content (%)</b>  | No information available |
| <b>Density</b>          | No information available |
| <b>Bulk Density</b>     | No information available |

## 10. STABILITY AND REACTIVITY

|   |                                       |
|---|---------------------------------------|
| <b>Reactivity</b>                         | Not reactive under normal conditions. |
| <b>Chemical Stability</b>                 | Stable under normal conditions.       |
| <b>Possibility of Hazardous Reactions</b> | None under normal processing.         |

|   |   |
|---|---|
| <b>Hazardous Polymerisation</b>         | Hazardous polymerisation does not occur.  |
| <b>Conditions to Avoid</b>              | Keep out of reach of children.            |
| <b>Incompatible Materials</b>           | None known based on information supplied. |
| <b>Hazardous Decomposition Products</b> | None known based on information supplied. |

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |  |
|---------------------|--|
| <b>Eye contact</b>  | May cause temporary irritation on eye contact.   |
| <b>Skin contact</b> | Causes mild skin irritation.   |
| <b>Inhalation</b>   | Under normal conditions of intended use, this material is not expected to be an inhalation hazard. |
| <b>Ingestion</b>    | May cause discomfort if swallowed.   |

### Information on physical, chemical and toxicological effects

**Symptoms** Please see section 4 of this SDS for symptoms.

### Numerical measures of toxicity

#### Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

|                        |           |
|------------------------|-----------|
| <b>ATEmix (oral)</b>   | 20,000.00 |
| mg/kg                  |           |
| <b>ATEmix (dermal)</b> | 25,600.00 |
| mg/kg                  |           |

**Unknown acute toxicity** No information available

#### Component Information

| Chemical Name                                   | Oral LD50            | Dermal LD50          | Inhalation LC50 |
|---|----------------------|----------------------|-----------------|
| 2,4,6-Tri(dimethylaminomethyl)phenol<br>90-72-2 | = 1200 mg/kg ( Rat ) | = 1280 mg/kg ( Rat ) | -               |

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

**Carcinogenicity** Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

## 12. ECOLOGICAL INFORMATION

|                                  |   |
|----------------------------------|---|
| <b>Ecotoxicity</b>               | An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. |
| <b>Persistence/Degradability</b> | No information available.   |
| <b>Bioaccumulation</b>           | No information available.   |
| <b>Mobility</b>                  | No information available.   |
| <b>Other Adverse Effects</b>     | No information available.   |

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

|  |   |
|--|---|
| <b>Waste from residues/unused products</b> | Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. |
| <b>Contaminated packaging</b>              | Do not reuse empty containers.  |

## 14. TRANSPORT INFORMATION

|                    |  |
|--------------------|--|
| <b>Note</b>        | Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances |
| <b><u>DOT</u></b>  | Not regulated  |
| <b><u>TDG</u></b>  | Not regulated  |
| <b><u>IATA</u></b> | Not regulated  |
| <b><u>IMDG</u></b> | Not regulated  |

## 15. REGULATORY INFORMATION

### REGULATORY INFORMATION

#### International Regulations

|   |                |
|---|----------------|
| <b>Ozone-depleting substances (ODS)</b> | Not applicable |
| <b>Persistent Organic Pollutants</b>    | Not applicable |
| <b>Export Notification requirements</b> | Not applicable |

#### International Inventories

| Chemical Name                  | TSCA | DSL/NDSL | EINECS/ELI<br>NCS | ENCS    | IECSC | KECL    | PICCS | AICS |
|--------------------------------|------|----------|-------------------|---------|-------|---------|-------|------|
| 2,4,6-Tri(dimethylamino)phenol | X    | X        | X                 | Present | X     | Present | X     | X    |

#### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

## 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

|             |                  |                |                    |  |
|-------------|------------------|----------------|--------------------|--|
| <u>NFPA</u> | Health Hazards 2 | Flammability 0 | Instability 0      | Special Hazards Not determined               |
| <u>HMIS</u> | Health Hazards 2 | Flammability 0 | Physical hazards 0 | Personal Protection B-Safety Glasses, Gloves |

### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average)

STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value

\* Skin designation

**Issue Date:** 21-May-2013

**Revision Date:** 29-Nov-2017

**Revision Note:** New format.

### 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**