



# Safety Data Sheet

Issue Date: 21-May-2013

Revision Date: 03-Nov-2015

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** PC - Woody, Part A

### Other means of identification

**SDS #** 130625-17

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

**Recommended Use** Adhesives.

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

#### **Supplier Address**

Protective Coatings Co.  
221 S Third St.  
Allentown, PA 18102 USA

### Emergency Telephone Number

**Company Phone Number** 610-432-3543 / 800-220-2103  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** White paste

**Physical State** Paste

**Odor** Mild

### Classification

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

### 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/vapors/spray  
 Contaminated work clothing must 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 soap and water  
 Take off 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

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                         | CAS No      | Weight-% |
|---------------------------------------|-------------|----------|
| Bisphenol A - Epichlorohydrin polymer | 25068-38-6  | 60-65    |
| Kaolin                                | 1332-58-7   | 8-10     |
| Hydrous magnesium silicate            | 14807-96-6  | 5-7      |
| Bis(2-ethylhexyl) terephthalate       | 6422-86-2   | 4-6      |
| Glycidyl Ethers of Bisphenol F Resin  | Proprietary | 1-3      |
| Titanium Dioxide                      | 1317-80-2   | <1       |
| Polyethylene fiber                    | Proprietary | <1       |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 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. Seek medical advice.  |

**Most important symptoms and effects**

**Symptoms** Causes eye irritation. Direct contact may cause temporary redness and discomfort. Causes skin irritation. Can cause respiratory tract irritation. May cause nose, throat, and lung irritation.

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

**Notes to Physician** Skin and eye conditions may be aggravated by long term exposure. Application of corticosteroid cream has been effective in treating skin irritation.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Dry chemical, CO<sub>2</sub> or water spray.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Product is not flammable.

**Hazardous Combustion Products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Aldehydes.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Wear positive pressure self-contained breathing apparatus (SCBA). Do not release runoff from fire control methods to sewers or waterways. NFPA Class III B.

## 6. ACCIDENTAL RELEASE MEASURES

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

**Personal Precautions** Wear protective gloves/protective clothing and eye/face protection. Avoid breathing vapors, mist or gas. Remove any contaminated clothing and wash thoroughly before reuse.

**For Emergency Responders** Follow applicable OSHA regulations (29 CFR 1910.120).

**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 Clean-Up** Dispose of contents/container to an approved waste disposal plant. 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.

## 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/vapors/spray. Do not eat, drink or smoke when using this product. Wash face, hands, and any exposed skin thoroughly after handling. Contaminated work clothing must 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** Strong oxidizing agents, Acids, Amines, Bases.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

| Chemical Name                            | ACGIH TLV  | OSHA PEL   | NIOSH IDLH   |
|--|--|--|--|
| Kaolin<br>1332-58-7                      | TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable fraction | TWA: 15 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable fraction<br>(vacated) TWA: 10 mg/m <sup>3</sup> total dust<br>(vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction | TWA: 10 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable dust                               |
| Hydrous magnesium silicate<br>14807-96-6 | TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable fraction | (vacated) TWA: 2 mg/m <sup>3</sup> respirable dust <1% Crystalline silica, containing no Asbestos<br>TWA: 20 mppcf if 1% Quartz or more, use Quartz limit  | IDLH: 1000 mg/m <sup>3</sup><br>TWA: 2 mg/m <sup>3</sup> containing no Asbestos and <1% Quartz respirable dust |

**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.

**Skin and Body Protection** Wear protective gloves and protective clothing.

**Respiratory Protection** Ensure adequate ventilation, especially in confined areas. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Physical State** Paste  
**Appearance** White paste  
**Color** White  
**Odor** Mild  
**Odor Threshold** Not determined

| Property                     | Values             | Remarks • Method |
|------------------------------|--------------------|------------------|
| pH                           | Not determined     |                  |
| Melting Point/Freezing Point | Not available      |                  |
| Boiling Point/Boiling Range  | No data            |                  |
| Flash Point                  | 248.88 °C / 480 °F | CC (closed cup)  |
| Evaporation Rate             | Not determined     |                  |
| Flammability (Solid, Gas)    | Not determined     |                  |
| Upper Flammability Limits    | Not available      |                  |
| Lower Flammability Limit     | Not available      |                  |
| Vapor Pressure               | Not determined     |                  |
| Vapor Density                | Not available      |                  |

|                                     |                    |                 |
|-------------------------------------|--------------------|-----------------|
| <b>Specific Gravity</b>             | 0.79               | (1=Water) @ 4°C |
| <b>Water Solubility</b>             | Insoluble in water |                 |
| <b>Solubility in other solvents</b> | Alcohols           |                 |
| <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>         | Not determined     |                 |
| <b>Oxidizing Properties</b>         | Not determined     |                 |
| <b>Density</b>                      | 6.6 lbs/gal        |                 |

**10. STABILITY AND REACTIVITY**

**Reactivity**

Not reactive under normal conditions.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization**      Hazardous polymerization does not occur.

**Conditions to Avoid**

Keep out of reach of children.

**Incompatible Materials**

Strong oxidizing agents, Acids, Amines, Bases.

**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.  |
| <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.   |

**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) | -               |

**Information on physical, chemical and toxicological effects**

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

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

**Sensitization** 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.

**Numerical measures of toxicity**

Not determined

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**Component Information**

| Chemical Name                            | Algae/aquatic plants | Fish  | Toxicity to microorganisms | Crustacea |
|--|----------------------|---|----------------------------|-----------|
| Hydrous magnesium silicate<br>14807-96-6 |                      | 100: 96 h Brachydanio rerio<br>g/L LC50 semi-static |                            |           |

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**

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

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

| Chemical Name                         | TSCA    | DSL | NDSL | EINECS  | ELINCS | ENCS    | IECSC | KECL    | PICCS | AICS |
|---------------------------------------|---------|-----|------|---------|--------|---------|-------|---------|-------|------|
| Bisphenol A - Epichlorohydrin polymer | Present | X   |      |         |        | Present | X     | Present | X     | X    |
| Kaolin                                | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Hydrous magnesium silicate            | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Bis(2-ethylhexyl) terephthalate       | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Glycidyl Ethers of Bisphenol F Resin  | Present | X   |      |         |        | Present | X     | Present | X     | X    |
| Titanium Dioxide                      | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Polyethylene fiber                    | Present | 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

### US Federal Regulations

#### SARA 313

Not determined

### US State Regulations

#### U.S. State Right-to-Know Regulations

| Chemical Name                            | New Jersey | Massachusetts | Pennsylvania |
|--|------------|---------------|--------------|
| Kaolin<br>1332-58-7                      | X          | X             | X            |
| Hydrous magnesium silicate<br>14807-96-6 | X          | X             | X            |
| Titanium Dioxide<br>1317-80-2            |            |               | X            |

**16. OTHER INFORMATION**

|                    |                            |                          |                              |  |
|--------------------|----------------------------|--------------------------|------------------------------|--|
| <u><b>NFPA</b></u> | <b>Health Hazards</b><br>1 | <b>Flammability</b><br>1 | <b>Instability</b><br>0      | <b>Special Hazards</b><br>Not determined                   |
| <u><b>HMIS</b></u> | <b>Health Hazards</b><br>1 | <b>Flammability</b><br>1 | <b>Physical Hazards</b><br>0 | <b>Personal Protection</b><br>B- Safety Glasses,<br>Gloves |

Issue Date: 21-May-2013  
 Revision Date: 03-Nov-2015  
 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: 03-Nov-2015

Version 2

## 1. IDENTIFICATION

### Product Identifier

**Product Name** PC - Woody, Part B

### Other means of identification

**SDS #** 130625-16

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

**Recommended Use** Adhesives.

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

#### **Supplier Address**

Protective Coatings Co.  
221 S Third St.  
Allentown, PA 18102 USA

### Emergency Telephone Number

**Company Phone Number** 610-432-3543 / 800-220-2103  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Light brown paste

**Physical State** Paste

**Odor** Slight amine

### Classification

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

### 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/vapors/spray  
 Contaminated work clothing must 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 soap and water  
 Take off 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

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                   | CAS No     | Weight-% |
|---------------------------------|------------|----------|
| Styrenated phenol               | 61788-44-1 | 30-35    |
| Kaolin                          | 1332-58-7  | 15-20    |
| Aliphatic Polyaminoamide        | 68410-23-1 | 10-12    |
| Polyoxypropylenediamine         | 9046-10-0  | 8-10     |
| Talc                            | 14807-96-6 | 6-8      |
| N-Aminoethyl piperazine         | 140-31-8   | 5-7      |
| Bis(2-ethylhexyl) terephthalate | 6422-86-2  | 5-7      |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 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>                        | Rinse immediately with plenty of water, also under the eyelids, 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>                          | Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical advice.   |
| <b>Self-Protection of the First Aider</b> | First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists refer to Section 8 for specific personal protective equipment. |

**Most important symptoms and effects**

**Symptoms** Causes eye irritation. Direct contact may cause temporary redness and discomfort. Causes skin irritation. Inhalation only possible at elevated temperatures. May cause irritation. May cause an allergic skin reaction.

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

**Notes to Physician** Skin and eye conditions may be aggravated by long term exposure. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Carbon dioxide (CO<sub>2</sub>), Dry chemical, Alcohol foam.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Product is not flammable.

**Hazardous Combustion Products** Carbon monoxide, Carbon dioxide (CO<sub>2</sub>), Aldehydes.

**Protective equipment and precautions for firefighters**

A face shield should be worn. Firefighters should wear butyl rubber boots, gloves, and body suit and a self-contained breathing apparatus. Water spray may be used to cool closed containers exposed to fire. Retain expended liquids from fire fighting for later disposal. Do not release runoff from fire control methods to sewers or waterways. NFPA Class IIIB.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Wear protective gloves/protective clothing and eye/face protection. Avoid breathing vapors, mist or gas. Remove any contaminated clothing and wash thoroughly before reuse.

**For Emergency Responders** Follow applicable OSHA regulations (29 CFR 1910.120).

**Environmental Precautions** See Section 12 for additional Ecological Information. Do not release into sewers or waterways.

**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 Clean-Up** 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.

**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/vapors/spray. Do not eat, drink or smoke when using this product. Wash face, hands, and any exposed skin thoroughly after handling. Contaminated work clothing must 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**

**Exposure Guidelines**

| Chemical Name       | ACGIH TLV  | OSHA PEL   | NIOSH IDLH   |
|---------------------|--|--|--|
| Kaolin<br>1332-58-7 | TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable fraction | TWA: 15 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable fraction<br>(vacated) TWA: 10 mg/m <sup>3</sup> total dust<br>(vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction | TWA: 10 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable dust                               |
| Talc<br>14807-96-6  | TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable fraction | (vacated) TWA: 2 mg/m <sup>3</sup> respirable dust <1% Crystalline silica, containing no Asbestos<br>TWA: 20 mppcf if 1% Quartz or more, use Quartz limit  | IDLH: 1000 mg/m <sup>3</sup><br>TWA: 2 mg/m <sup>3</sup> containing no Asbestos and <1% Quartz respirable dust |

**Appropriate engineering controls**

**Engineering Controls** Provide general or local exhaust ventilation if product is sanded or ground. Suitable emergency eye wash facility should be available in work area.

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

**Eye/Face Protection** Chemical safety goggles/faceshield.

**Skin and Body Protection** Wear protective gloves and protective clothing.

**Respiratory Protection** Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|                              |                    |                         |                |
|------------------------------|--------------------|-------------------------|----------------|
| <b>Physical State</b>        | Paste              | <b>Odor</b>             | Slight amine   |
| <b>Appearance</b>            | Light brown paste  | <b>Odor Threshold</b>   | Not determined |
| <b>Color</b>                 | Light brown        |                         |                |
| <b>Property</b>              | <b>Values</b>      | <b>Remarks • Method</b> |                |
| pH                           | Not determined     |                         |                |
| Melting Point/Freezing Point | Not available      |                         |                |
| Boiling Point/Boiling Range  | No data            |                         |                |
| Flash Point                  | 248.88 °C / 480 °F | CC (closed cup)         |                |
| Evaporation Rate             | Not determined     |                         |                |
| Flammability (Solid, Gas)    | Not determined     |                         |                |
| Upper Flammability Limits    | Not available      |                         |                |
| Lower Flammability Limit     | Not available      |                         |                |
| Vapor Pressure               | Not determined     |                         |                |
| Vapor Density                | Not available      |                         |                |

|                                     |                    |                 |
|-------------------------------------|--------------------|-----------------|
| <b>Specific Gravity</b>             | .77                | (1=Water) @ 4°C |
| <b>Water Solubility</b>             | Insoluble in water |                 |
| <b>Solubility in other solvents</b> | Alcohols           |                 |
| <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>         | Not determined     |                 |
| <b>Oxidizing Properties</b>         | Not determined     |                 |
| <b>Density</b>                      | 6.4 lbs/gal        |                 |

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

**Hazardous Polymerization**      Hazardous polymerization 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.  |
| <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.   |

### Component Information

| Chemical Name                          | Oral LD50            | Dermal LD50             | Inhalation LC50 |
|--|----------------------|-------------------------|-----------------|
| Styrenated phenol<br>61788-44-1        | = 2500 mg/kg ( Rat ) | > 7940 mg/kg ( Rabbit ) | -               |
| Aliphatic Polyaminoamide<br>68410-23-1 | >2000 mg/kg (rat)    | 2000 mg/kg (rat)        | -               |
| Polyoxypropylenediamine<br>9046-10-0   | = 1100 mg/kg ( Rat ) | = 1555 mg/kg ( Rabbit ) | -               |
| N-Aminoethyl piperazine<br>140-31-8    | = 2140 mg/kg ( Rat ) | = 880 µL/kg ( Rabbit )  | -               |

**Information on physical, chemical and toxicological effects**

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

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

**Sensitization** 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.

**Numerical measures of toxicity**

Not determined

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**Component Information**

| Chemical Name                       | Algae/aquatic plants                                      | Fish  | Toxicity to microorganisms | Crustacea                           |
|-------------------------------------|---|---|----------------------------|-------------------------------------|
| Talc<br>14807-96-6                  |   | 100: 96 h Brachydanio rerio<br>g/L LC50 semi-static   |                            |                                     |
| N-Aminoethyl piperazine<br>140-31-8 | 495: 72 h<br>Pseudokirchneriella<br>subcapitata mg/L EC50 | 1950 - 2460: 96 h<br>Pimephales promelas mg/L<br>LC50 flow-through 1000: 96<br>h Poecilia reticulata mg/L<br>LC50 semi-static 100: 96 h<br>Oncorhynchus mykiss mg/L<br>LC50 semi-static |                            | 32: 48 h Daphnia magna<br>mg/L EC50 |

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

| Chemical Name                       | Partition Coefficient |
|-------------------------------------|-----------------------|
| Styrenated phenol<br>61788-44-1     | >4                    |
| N-Aminoethyl piperazine<br>140-31-8 | -1.48                 |

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Disposal of Wastes** Contact your supplier or a licensed contractor for detailed recommendations. Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

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

## 15. REGULATORY INFORMATION

### International Inventories

| Chemical Name                   | TSCA    | DSL | NDSL | EINECS  | ELINCS | ENCS    | IECSC | KECL    | PICCS | AICS |
|---------------------------------|---------|-----|------|---------|--------|---------|-------|---------|-------|------|
| Styrenated phenol               | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Kaolin                          | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Aliphatic Polyaminoamide        | Present | X   |      |         |        | Present | X     | Present | X     | X    |
| Polyoxypropylenediamine         | Present | X   |      |         |        | Present | X     | Present | X     | X    |
| Talc                            | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| N-Aminoethyl piperazine         | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Bis(2-ethylhexyl) terephthalate | Present | X   |      | Present |        | 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*

### US Federal Regulations

#### SARA 313

Not determined

### US State Regulations

#### U.S. State Right-to-Know Regulations

| Chemical Name                       | New Jersey | Massachusetts | Pennsylvania |
|-------------------------------------|------------|---------------|--------------|
| Kaolin<br>1332-58-7                 | X          | X             | X            |
| Talc<br>14807-96-6                  | X          | X             | X            |
| N-Aminoethyl piperazine<br>140-31-8 | X          | X             | X            |

**16. OTHER INFORMATION**

|                    |                            |                          |                              |  |
|--------------------|----------------------------|--------------------------|------------------------------|--|
| <u><b>NFPA</b></u> | <b>Health Hazards</b><br>1 | <b>Flammability</b><br>1 | <b>Instability</b><br>0      | <b>Special Hazards</b><br>Not determined                   |
| <u><b>HMIS</b></u> | <b>Health Hazards</b><br>1 | <b>Flammability</b><br>1 | <b>Physical Hazards</b><br>0 | <b>Personal Protection</b><br>B- Safety Glasses,<br>Gloves |

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**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**