



Safety Data Sheet

Issue Date: 06-Sep-2011

Revision Date: 08-Jan-2016

Version 1

1. IDENTIFICATION

Product Identifier

Product Name PC SUPEREPOXY, Part A

Other means of identification

SDS # 130519-19R

Recommended use of the chemical and restrictions on use

Recommended Use Multi-purpose epoxy paste.

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 Blue 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 | 50-70 |
| Modified Bisphenol A Epoxy Resin | PROPRIETARY | 10-20 |
| Synthetic Amorphous Silica | 67762-90-7 | 5-10 |
| Acrylated Polyols | 3524-68-3 | 5-10 |
| Aliphatic Glycidyl Ethers | 120547-52-6 | 1-5 |

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**

| | |
|-----------------------|--|
| 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. |
| Skin Contact | Wash with soap and water. Remove and wash contaminated clothing before reuse. Get medical attention if irritation occurs. |
| Inhalation | Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician / poison center if individual's condition declines or if symptoms persist. |
| Ingestion | 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. |

Most important symptoms and effects

| | |
|-----------------|---|
| Symptoms | Causes eye irritation. Direct contact may cause temporary redness and discomfort. Causes skin 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. |
|---------------------------|--|

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, CO2 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 (CO2). 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 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.

Environmental Precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

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

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

The following information is given as general guidance

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. If engineering controls do not keep airborne concentrations below acceptable levels, wear a 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 | Odor | Mild |
| Appearance | Blue paste | Odor Threshold | Not determined |
| Color | Blue | | |
| 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 | | |
| Specific Gravity | 1.15 | (1=Water) | |
| Water Solubility | Insoluble in water | | |
| Solubility in other solvents | Alcohols | | |
| Partition Coefficient | Not determined | | |
| Auto-ignition Temperature | Not determined | | |
| Decomposition Temperature | Not determined | | |
| Kinematic Viscosity | Not determined | | |
| Dynamic Viscosity | Not determined | | |
| Explosive Properties | Not determined | | |
| Oxidizing Properties | Not determined | | |
| Density | 9.5 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**

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

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|----------------------|-----------------|
| Bisphenol A - Epichlorohydrin polymer 25068-38-6 | = 11400 mg/kg (Rat) | 20000 mg/kg (rabbit) | - |
| Acrylated Polyols 3524-68-3 | = 1830 mg/kg (Rat) = 1350 mg/kg (Rat) | = 4 mL/kg (Rabbit) | - |
| Aliphatic Glycidyl Ethers 120547-52-6 | 19200 mg/kg (rat) | >4500 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.

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 |
| Synthetic Amorphous Silica | Present | X | | | | Present | X | Present | X | X |
| Acrylated Polyols | Present | X | | Present | | Present | X | Present | X | X |
| Aliphatic Glycidyl Ethers | Present | X | | | | Present | X | Present | | |

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****CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Not determined

16. OTHER INFORMATION**NFPA****Health Hazards**

1

Flammability

1

Instability

0

Special Hazards

Not determined

HMIS**Health Hazards**

1

Flammability

1

Physical Hazards

0

Personal Protection

B- Safety Glasses,
Gloves

Issue Date: 06-Sep-2011
Revision Date: 08-Jan-2016
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: 06-Sep-2011

Revision Date: 04-Apr-2016

Version 2

1. IDENTIFICATION

Product Identifier

Product Name PC - SUPEREPOXY, Part B

Other means of identification

SDS # 130519-18R1

Recommended use of the chemical and restrictions on use

Recommended Use Multi-purpose epoxy paste.

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 Yellow paste

Physical state Paste

Odor Slight amine

Classification

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

Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed
May be harmful in contact with skin

Signal Word

Warning

Hazard statements

Harmful if swallowed
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 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 soap and water
Take off contaminated clothing and wash 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 hazards

Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% |
|--|------------|----------|
| Styrenated phenol | 61788-44-1 | 15-35 |
| Amine Terminated Liquid Copolymer | 68683-29-4 | 15-35 |
| N-Aminoethyl piperazine | 140-31-8 | 15-25 |
| Synthetic Amorphous Silica | 67762-90-7 | 5-10 |
| Formaldehyde, polymer with 1,3,dimethylbenzene | 26139-75-3 | 1-5 |

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****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.

Skin Contact

Wash with soap and water. Remove and wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.

| | |
|-------------------|---|
| Inhalation | Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician / poison center if individual's condition declines or if symptoms persist. |
| Ingestion | Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. 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 allergic response in susceptible or hypersensitive individuals upon repeated or prolonged exposure. May be harmful if absorbed through the skin. May be harmful if swallowed. |
|-----------------|---|

Indication of any immediate medical attention and special treatment needed

| | |
|---------------------------|--|
| Notes to Physician | Skin and eye conditions may be aggravated by long term exposure. |
|---------------------------|--|

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

Dry chemical, CO2 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 (CO2). Aldehydes.

Explosion Data**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 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. |
|-----------------------------|---|

Environmental precautions

| | |
|----------------------------------|---|
| Environmental precautions | See Section 12 for additional Ecological Information. |
|----------------------------------|---|

Methods and material for containment and cleaning up

| | |
|--------------------------------|--|
| Methods for Containment | Prevent further leakage or spillage if safe to do so. |
| Methods for Clean-Up | Dispose of contents/container to an approved waste disposal plant. |

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

The following information is given as general guidance

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. If engineering controls do not keep airborne concentrations below acceptable levels, wear a 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 | Odor | Slight amine |
| Appearance | Yellow paste | Odor Threshold | Not determined |
| Color | Yellow | | |
| <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 | 248.88 °C / 480 °F | CC (closed cup) | |
| Evaporation Rate | Not determined | | |
| Flammability (Solid, Gas) | Not determined | | |
| Flammability Limits in Air | | | |
| Upper Flammability Limits | Not available | | |
| Lower Flammability Limit | Not available | | |
| Vapor Pressure | Not determined | | |
| Vapor Density | Not available | | |
| Relative Density | 1.02 | (1=Water) | |

| | |
|-------------------------------------|--------------------|
| Water Solubility | Insoluble in water |
| Solubility in other solvents | Alcohols |
| Partition Coefficient | Not determined |
| Auto-ignition Temperature | Not determined |
| Decomposition Temperature | Not determined |
| Kinematic Viscosity | Not determined |
| Dynamic Viscosity | Not determined |
| Explosive Properties | Not determined |
| Oxidizing Properties | Not determined |

Other Information

Density 8.5 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**

Eye Contact Causes serious eye irritation.

Skin Contact Causes skin irritation. May be harmful in contact with skin.

Inhalation Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Ingestion May be harmful if swallowed.

Component Information

| Chemical Name | ATEmix (oral) | ATEmix (dermal) | Inhalation LC50 |
|---|----------------------|-------------------------|-----------------|
| Styrenated phenol 61788-44-1 | = 2500 mg/kg (Rat) | > 7940 mg/kg (Rabbit) | - |
| N-Aminoethyl piperazine 140-31-8 | = 2140 µL/kg (Rat) | = 880 µL/kg (Rabbit) | - |
| Formaldehyde, polymer with 1,3,dimethylbenzene 26139-75-3 | >2000 mg/kg (rat) | - | - |

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

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

ATEmix (dermal) 2,336.00 mg/kg
ATEmix (oral) 2,525.25 mg/kg

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

Component Information

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|-------------------------------------|--|--|-------------------------------------|
| N-Aminoethyl piperazine 140-31-8 | 495: 72 h Pseudokirchneriella subcapitata mg/L EC50 | 1950 - 2460: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 1000: 96 h Poecilia reticulata mg/L LC50 semi-static | 32: 48 h Daphnia magna mg/L EC50 |

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

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

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/E LINCS | ENCS | IECSC | KECL | PICCS | AICS |
|--|------|----------|----------------|---------|-------|---------|-------|------|
| Styrenated phenol | X | X | X | Present | X | Present | X | X |
| Amine Terminated Liquid Copolymer | X | X | | Present | X | Present | X | X |
| N-Aminoethyl piperazine | X | X | X | Present | X | Present | X | X |
| Synthetic Amorphous Silica | X | X | | Present | X | Present | X | X |
| Formaldehyde, polymer with 1,3,dimethylbenzene | 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

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|-------------------------------------|------------|---------------|--------------|
| N-Aminoethyl piperazine 140-31-8 | X | X | X |

16. OTHER INFORMATION**NFPA****Health Hazards**

2

Flammability

1

Instability

0

Special Hazards

Not determined

HMIS**Health Hazards**

2

Flammability

1

Physical hazards

0

Personal ProtectionB- Safety Glasses,
Gloves

Issue Date: 06-Sep-2011
Revision Date: 04-Apr-2016
Revision Note: Format Update

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