SAFETY DATA SHEET

1. Identification
Product identifier: NatureWood Treated Wood
Other means of identification
SDS number: 220-KPC
Recommended use: Preservative Treated Wood for various interior and exterior applications.
Recommended restrictions: None known.
Manufacturer/Importer/Supplier/Distributor information
Company Name: Koppers Performance Chemicals Inc.
Address: 1016 Everee Inn Rd., Griffin, GA 30224
Telephone number: 770-233-4200
Contact person: Regulatory Manager, KPC Inc.
Emergency Telephone Number: CHEMTREC 1-800-424-9300
E-mail: KPCmgrsds@koppers.com

2. Hazard(s) identification
Physical hazards: Not classified.
Health hazards
Skin corrosion/irritation Category 2
Serious eye damage/eye irritation Category 2A
Carcinogenicity Category 1A
Specific target organ toxicity, single exposure Category 3 respiratory tract irritation
OSHA defined hazards: Combustible dust
Label elements
Signal word: Danger
Hazard statement: Causes skin irritation. Causes serious eye irritation. May cause cancer by inhalation. May cause respiratory irritation. May form combustible dust concentrations in air.
Precautionary statement
Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Prevent dust accumulation to minimize explosion hazard. Ground/bond container and receiving equipment. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling.
Response: If exposed or concerned: Get medical advice/attention. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. 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 inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. In case of fire: Use CO2, foam or water spray for extinction.
Storage: Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC): None known.
3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood/Wood dust</td>
<td>N/A</td>
<td>&gt; 90</td>
</tr>
<tr>
<td>Monoethanolamine (MEA)</td>
<td>141-43-5</td>
<td>&lt; 6</td>
</tr>
<tr>
<td>Copper complex expressed as Copper oxide</td>
<td>Proprietary</td>
<td>&lt; 2</td>
</tr>
</tbody>
</table>

Composition comments
All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.
Depending on the additives applied to the treating solution, this wood may also contain <1% of mold inhibitors, <1% of a non-hazardous wax emulsion, and <% of a colorant.
This product contains one of the below listed Quaternary Ammonium compounds:
- Alkyl dimethyl benzyl ammonium chloride CAS No: 68391-01-5 < 2%
- Didecyl dimethyl ammonium chloride CAS No: 7173-51-5 < 2%
- Didecyl dimethyl ammonium carbonate and Didecyl dimethyl ammonium bicarbonate CAS No: Proprietary <2%
Certain West Coast species of wood may contain ammonia which replaces some of the MEA:
- Ammonia (expressed as NH3) CAS No: 1336-21-6 <1%

4. First-aid measures

Inhalation
Move to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately. Some species may cause allergic respiratory reactions with asthma-like symptoms in sensitized individuals.

Skin contact
Remove contaminated clothing. Wash skin thoroughly with soap and water for several minutes. Prolonged contact with treated wood and/or treated wood dust, especially when freshly treated at the plant, may cause irritation to the skin. Abrasive handling or rubbing of the treated wood may increase skin irritation. Some wood species, regardless of treatment, may cause dermatitis or allergic skin reactions in sensitized individuals. In case of rashes, wounds or other skin disorders: Seek medical attention and bring along these instructions.

Eye contact
Do not rub eye. Immediately flush eye(s) with plenty of water. Remove any contact lenses and open eyelids wide apart. If eye irritation persists: Get medical advice/attention.

Ingestion
Rinse mouth thoroughly if dust is ingested. Get medical attention if any discomfort continues. 

Most important symptoms/effects, acute and delayed
Wood dust: May cause nasal dryness, irritation and mucostasis. Coughing, wheezing, sneezing, sinusitis and prolonged colds have also been reported. Depending on wood species may cause respiratory sensitization and/or irritation. Symptoms can include irritation, redness, scratching of the cornea, and tearing. May cause eczema-like skin disorders (dermatitis). Airborne treated or untreated wood dust may cause nose, throat, or lung irritation and other respiratory effects. 

Indication of immediate medical attention and special treatment needed
Treat symptomatically.

General information
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media
Carbon dioxide, regular foam, dry chemical, water spray, or water fog.

Unsuitable extinguishing media
Do not use water jet as an extinguisher, as this may spread the fire.

Specific hazards arising from the chemical
Depending on moisture content, and more importantly, particle diameter and airborne concentration, wood dust in a contained area may explode in the presence of an ignition source. Wood dust may similarly deflagrate (combustion without detonation like an explosion) if ignited in an open or loosely contained area. An airborne concentration of 40 grams (40,000 mg) of dust per cubic meter of air is often used as the LEL for wood dusts. Reference NFPA Standards- 654 and 664 for guidance.

Special protective equipment and precautions for firefighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.
6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Avoid generation and spreading of dust. Avoid spread of dust. Avoid inhalation of dust. Provide adequate ventilation. Wear appropriate personal protective equipment (See Section 8).

Methods and materials for containment and cleaning up
Sweep or vacuum up spillage and collect in suitable container for disposal. If not possible, gently moisten dust before it is collected with shovel, broom or the like. Containers must be labeled. Although no EPA Waste Numbers are applicable for this product’s components, you must test your waste to determine if it meets applicable definitions of hazardous waste and for State requirements. Dispose of waste material according to local, State and Federal regulations. For waste disposal, see Section 13 of the SDS.

Environmental precautions
For good industrial practice avoid release to the environment.

7. Handling and storage

Precautions for safe handling
Avoid working with freshly treated wet wood. If not possible, wear long sleeve shirt, long pants and gloves when working with freshly treated wet wood. Clothing should be removed and replaced if it becomes wet due to contact with freshly treated wood. Avoid prolonged or repeated breathing of dust. Avoid contact with skin and eyes. Do not smoke. Do not burn preserved wood. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces.

Conditions for safe storage, including any incompatibilities
Keep away from heat, sparks and open flame. Store in tightly closed original container in a dry, cool and well-ventilated place. Store away from incompatible materials (See Section 10).

8. Exposure controls/personal protection

Occupational exposure limits

<table>
<thead>
<tr>
<th>U.S. - OSHA</th>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood/Wood dust (CAS N/A)</td>
<td>PEL</td>
<td>5 mg/m3</td>
<td>Respirable dust.</td>
<td></td>
</tr>
<tr>
<td>Wood/Wood dust (CAS N/A)</td>
<td>STEL</td>
<td>6 ppm</td>
<td>Dust and mist.</td>
<td></td>
</tr>
<tr>
<td>Wood/Wood dust (CAS N/A)</td>
<td>TWA</td>
<td>1 mg/m3</td>
<td>Inhalable fraction.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)</th>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monoethanolamine (MEA) (CAS 141-43-5)</td>
<td>PEL</td>
<td>6 mg/m3</td>
<td>Total fraction.</td>
<td></td>
</tr>
<tr>
<td>Monoethanolamine (MEA) (CAS 141-43-5)</td>
<td>STEL</td>
<td>6 ppm</td>
<td>Dust and mist.</td>
<td></td>
</tr>
<tr>
<td>Monoethanolamine (MEA) (CAS 141-43-5)</td>
<td>TWA</td>
<td>3 ppm</td>
<td>Inhalable fraction.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ACGIH</th>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood/Wood dust (CAS N/A)</td>
<td>TWA</td>
<td>1 mg/m3</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>US. ACGIH Threshold Limit Values</th>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monoethanolamine (MEA) (CAS 141-43-5)</td>
<td>STEL</td>
<td>6 ppm</td>
<td></td>
</tr>
<tr>
<td>Monoethanolamine (MEA) (CAS 141-43-5)</td>
<td>TWA</td>
<td>3 ppm</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>US. NIOSH: Pocket Guide to Chemical Hazards</th>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper complex expressed as Copper oxide (CAS Proprietary)</td>
<td>TWA</td>
<td>1 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Monoethanolamine (MEA) (CAS 141-43-5)</td>
<td>STEL</td>
<td>15 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Monoethanolamine (MEA) (CAS 141-43-5)</td>
<td>TWA</td>
<td>6 ppm</td>
<td></td>
</tr>
<tr>
<td>Monoethanolamine (MEA) (CAS 141-43-5)</td>
<td>TWA</td>
<td>8 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Wood/Wood dust (CAS N/A)</td>
<td>TWA</td>
<td>1 mg/m3</td>
<td></td>
</tr>
</tbody>
</table>
No biological exposure limits noted for the ingredient(s).

Provide sufficient general/local exhaust ventilation to maintain inhalation exposures below current exposure limits and areas below explosive dust concentrations.

Wear safety glasses with side shields or safety goggles when sawing or cutting.

When handling wood, wear leather or fabric gloves.

Wear normal work clothes and safety shoes.

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a NIOSH–approved respirator if there is a potential for exposure to dust exceeding exposure limits (See 29 CRF 1910.134, respiratory protection standard).

Wear appropriate thermal protective clothing, when necessary.

If wood dust contacts the skin, workers should wash the affected areas with soap and water. Clothing contaminated with wood dust should be removed, and provisions should be made for the safe removal of the chemical from the clothing. Persons laundering the clothes should be informed of the hazardous properties of wood dust. A worker who handles wood dust should thoroughly wash hands, forearms, and face with soap and water before eating, using tobacco products, using toilet facilities, applying cosmetics, or taking medication. Workers should not eat, drink, use tobacco products, apply cosmetics, or take medication in areas where wood dust is handled, or processed. Observe any medical surveillance requirements.

### 9. Physical and chemical properties

#### Appearance
- **Physical state**: Solid.
- **Form**: Solid. Dust.
- **Color**: Not available.

**Odor**: Ammoniacal wood odor possible.

**Odor threshold**: Not available.

**pH**: Not applicable.

**Melting point/freezing point**: Not applicable.

**Initial boiling point and boiling range**: Not applicable.

**Flash point**: Not available.

**Evaporation rate**: Not applicable.

**Flammability (solid, gas)**: Combustible dust.

#### Upper/lower flammability or explosive limits
- **Flammability limit - lower (%)**: Not available.
- **Flammability limit - upper (%)**: Not available.
- **Explosive limit - lower (%)**: Not available.
- **Explosive limit - upper (%)**: Not available.

**Vapor pressure**: Not applicable.

**Vapor density**: Not applicable.

**Relative density**: Not available.

**Solubility(ies)**
- **Solubility (water)**: Not available.

**Partition coefficient (n-octanol/water)**: Not available.

**Auto-ignition temperature**: Not available.

**Decomposition temperature**: Not available.

**Viscosity**: Not applicable.
10. Stability and reactivity

Reactivity
The product is non-reactive under normal conditions of use, storage and transport.

Chemical stability
Stable at normal conditions.

Possibility of hazardous reactions
Hazardous reactions do not occur.

Conditions to avoid
Avoid heat, sparks, open flames and other ignition sources. Minimize dust generation and accumulation. Avoid contact with incompatible materials.

Incompatible materials

Hazardous decomposition products
Combustion products may yield irritating and toxic fumes and gases including organic chloride, aldehydes, amines, hydrogen chloride, ammonia, copper compounds, oxygen, boric oxide, oxides of carbon and nitrogen.

11. Toxicological information

Information on likely routes of exposure

Inhalation
Wood dust, treated or untreated, is irritating to the nose, throat and lungs. Prolonged or repeated inhalation of wood dusts may cause respiratory irritation, recurrent bronchitis and prolonged colds. Some species may cause allergic respiratory reactions with asthma-like symptoms in sensitized individuals. Prolonged exposure to wood dusts by inhalation has been reported to be associated with nasal and paranasal cancer.

Skin contact
Causes skin irritation. Handling may cause splinters. Some wood species, regardless of treatment, may cause dermatitis or allergic skin reactions in sensitized individuals.

Eye contact
Causes serious eye irritation.

Ingestion
Not likely, due to the form of the product. However, ingestion of dusts generated during working operations may cause nausea and vomiting. Certain species of wood and their dusts may contain natural toxins, which can have adverse effects in humans.

Symptoms related to the physical, chemical and toxicological characteristics
Wood dust: May cause nasal dryness, irritation and mucostasis. Coughing, wheezing, sneezing, sinusitis and prolonged colds have also been reported. Depending on wood species may cause respiratory sensitization and/or irritation. Symptoms can include irritation, redness, scratching of the cornea, and tearing. May cause eczema-like skin disorders (dermatitis). Airborne treated or untreated wood dust may cause nose, throat, or lung irritation and other respiratory effects.

Information on toxicological effects

Acute toxicity
Not expected to be acutely toxic.

Components

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50</td>
<td>1025 mg/kg</td>
</tr>
<tr>
<td>LD50</td>
<td>1715 mg/kg</td>
</tr>
</tbody>
</table>

Monoethanolamine (MEA) (CAS 141-43-5)

10. Stability and reactivity

Reactivity
The product is non-reactive under normal conditions of use, storage and transport.

Chemical stability
Stable at normal conditions.

Possibility of hazardous reactions
Hazardous reactions do not occur.

Conditions to avoid
Avoid heat, sparks, open flames and other ignition sources. Minimize dust generation and accumulation. Avoid contact with incompatible materials.

Incompatible materials

Hazardous decomposition products
Combustion products may yield irritating and toxic fumes and gases including organic chloride, aldehydes, amines, hydrogen chloride, ammonia, copper compounds, oxygen, boric oxide, oxides of carbon and nitrogen.

11. Toxicological information

Information on likely routes of exposure

Inhalation
Wood dust, treated or untreated, is irritating to the nose, throat and lungs. Prolonged or repeated inhalation of wood dusts may cause respiratory irritation, recurrent bronchitis and prolonged colds. Some species may cause allergic respiratory reactions with asthma-like symptoms in sensitized individuals. Prolonged exposure to wood dusts by inhalation has been reported to be associated with nasal and paranasal cancer.

Skin contact
Causes skin irritation. Handling may cause splinters. Some wood species, regardless of treatment, may cause dermatitis or allergic skin reactions in sensitized individuals.

Eye contact
Causes serious eye irritation.

Ingestion
Not likely, due to the form of the product. However, ingestion of dusts generated during working operations may cause nausea and vomiting. Certain species of wood and their dusts may contain natural toxins, which can have adverse effects in humans.

Symptoms related to the physical, chemical and toxicological characteristics
Wood dust: May cause nasal dryness, irritation and mucostasis. Coughing, wheezing, sneezing, sinusitis and prolonged colds have also been reported. Depending on wood species may cause respiratory sensitization and/or irritation. Symptoms can include irritation, redness, scratching of the cornea, and tearing. May cause eczema-like skin disorders (dermatitis). Airborne treated or untreated wood dust may cause nose, throat, or lung irritation and other respiratory effects.

Information on toxicological effects

Acute toxicity
Not expected to be acutely toxic.

Components

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50</td>
<td>1025 mg/kg</td>
</tr>
<tr>
<td>LD50</td>
<td>1715 mg/kg</td>
</tr>
</tbody>
</table>

Monoethanolamine (MEA) (CAS 141-43-5)

10. Stability and reactivity

Reactivity
The product is non-reactive under normal conditions of use, storage and transport.

Chemical stability
Stable at normal conditions.

Possibility of hazardous reactions
Hazardous reactions do not occur.

Conditions to avoid
Avoid heat, sparks, open flames and other ignition sources. Minimize dust generation and accumulation. Avoid contact with incompatible materials.

Incompatible materials

Hazardous decomposition products
Combustion products may yield irritating and toxic fumes and gases including organic chloride, aldehydes, amines, hydrogen chloride, ammonia, copper compounds, oxygen, boric oxide, oxides of carbon and nitrogen.
Carcinogenicity

May cause cancer by inhalation.
Untreated wood dust or sawdust: The International Agency for Research on Cancer (IARC) classifies untreated wood dust as a Group I human carcinogen. The classification is based primarily on IARC’s evaluation of increased risk in the occurrence of adenocarcinomas of the nasal cavities and paranasal sinuses associated with occupational exposures of untreated wood dust. Epidemiological studies have been reported on carcinogetic risks of employment in the furniture-making industry, the carpentry industry, and the lumber and sawmill industry. IARC has reviewed these studies and reports that there is sufficient evidence that nasal carcinomas have been caused by employment in the furniture-making industry where the excess risk is associated with exposure to untreated wood dust or sawdust from hardwood species. IARC concluded that epidemiological data are not sufficient to make a definite assessment of the carcinogenic risk of employment as a carpenter or worker in a lumber mill or sawmill.

IARC Monographs. Overall Evaluation of Carcinogenicity
Wood/Wood dust (CAS N/A) Carcinogenic to humans.

NTP Report on Carcinogens
Wood/Wood dust (CAS N/A) Known To Be Human Carcinogen.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

Reproductive toxicity
This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure
May cause respiratory irritation.

Specific target organ toxicity - repeated exposure
Not classified.

Aspiration hazard
Not likely, due to the form of the product.

Chronic effects
Chronic exposure to wood dusts can result in pneumonitis, and coughing, wheezing, fever and the other signs and symptoms associated with chronic bronchitis.

12. Ecological information

Ecotoxicity
The product is not classified as environmentally hazardous.

Components | Species | Test Results
--- | --- | ---
Monoethanolamine (MEA) (CAS 141-43-5) | Selenastrum capricornutum (new name Pseudokirchnerella subca) | 2.5 mg/l, 48 hours
Aquatic | EC50 | 2.5 mg/l, 48 hours
Algae |  | 2.5 mg/l, 48 hours
Crustacea | Daphnia magna | 65 mg/l, 48 hours
Fish | Cyprinus carpio | 349 mg/l, 96 hours

Persistence and degradability
No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

Monoethanolamine (MEA) (CAS 141-43-5) -1.31

Mobility in soil
The product is insoluble in water.

Mobility in general
The product is not volatile but may be spread by dust-raising handling.

Other adverse effects
No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions
Dispose in accordance with applicable federal, state, and local regulations. Do not discharge into drains, water courses or onto the ground.

Local disposal regulations
Dispose of in accordance with local regulations.

Hazardous waste code
The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products
Dispose in accordance with all applicable regulations. Do not discharge into drains, water courses or onto the ground.

Contaminated packaging
Since emptied containers may retain product residue, follow label warnings even after container is emptied.
14. Transport information

**DOT**
Not regulated as dangerous goods.

**IATA**
Not regulated as dangerous goods.

**IMDG**
Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
Not applicable.

15. Regulatory information

**US federal regulations**
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Not listed.

**CERCLA Hazardous Substance List (40 CFR 302.4)**
Copper complex expressed as Copper oxide (CAS proprietary)

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

- **Hazard categories**
  - Immediate Hazard - Yes
  - Delayed Hazard - Yes
  - Fire Hazard - Yes
  - Pressure Hazard - No
  - Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**
Not listed.

**SARA 311/312 Hazardous chemical**
Yes

**SARA 313 (TRI reporting)**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>% by wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper complex expressed as Copper oxide</td>
<td>Proprietary</td>
<td>&lt; 2</td>
</tr>
</tbody>
</table>

**Other federal regulations**

- **Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**
  Not regulated.

- **Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**
  Not regulated.

- **Safe Drinking Water Act (SDWA)**
  Not regulated.

**US state regulations**

- **US. Massachusetts RTK - Substance List**
  Monoethanolamine (MEA) (CAS 141-43-5)

- **US. New Jersey Worker and Community Right-to-Know Act**
  Copper complex expressed as Copper oxide (CAS Proprietary)
  Monoethanolamine (MEA) (CAS 141-43-5)
  Wood/Wood dust (CAS N/A)

- **US. Pennsylvania Worker and Community Right-to-Know Law**
  Monoethanolamine (MEA) (CAS 141-43-5)
  Wood/Wood dust (CAS N/A)
US. Rhode Island RTK
Copper complex expressed as Copper oxide (CAS Proprietary)

US. California Proposition 65
WARNING: This product contains a chemical known to the State of California to cause cancer.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance
Wood/Wood dust (CAS N/A)

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A “Yes” indicates this product complies with the inventory requirements administered by the governing country(s).
A “No” indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 21-April-2015
Revision date 01-June-2015
Version # 02
Further information
HMIS® is a registered trade and service mark of the NPCA.
E - Safety Glasses, Gloves, Dust Respirator

Copper/Quat at 2:1 ratio
0.15 pcf:
Copper complex expressed as Copper Oxides 0.28% - 0.58%
Quaternary Ammonium Compound 0.14% - 0.29%
0.20 pcf:
Copper complex expressed as Copper Oxides 0.38% - 0.77%
Quaternary Ammonium Compound 0.19% - 0.39%
0.40 pcf:
Copper complex expressed as Copper Oxides 0.75% - 1.54%
Quaternary Ammonium Compound 0.38% - 0.77%
0.60 pcf:
Copper complex expressed as Copper Oxides 1.13% - 2.32%
Quaternary Ammonium Compound 0.57% - 1.16%

Copper/Quat at 1:1 ratio
0.15 pcf:
Copper complex expressed as Copper Oxides 0.21% - 0.44%
Quaternary Ammonium Compound 0.21% - 0.44%
0.20 pcf:
Copper complex expressed as Copper Oxides 0.28% - 0.58%
Quaternary Ammonium Compound 0.28% - 0.58%
0.40 pcf:
Copper complex expressed as Copper Oxides 0.56% - 1.16%
Quaternary Ammonium Compound 0.56% - 1.16%
0.60 pcf:
Copper complex expressed as Copper Oxides 0.85% - 1.74%
Quaternary Ammonium Compound 0.85% - 1.74%

HMIS® ratings
Health: 2*
Flammability: 1
Physical hazard: 0
Personal protection: E

NFPA ratings

Disclaimer
Koppers Performance Chemicals Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.