

# SAFETY DATA SHEET

Revision Date 21-Feb-2019

Version 2

## 1. IDENTIFICATION

### Product identifier

**Product Name** Structures Wood Care, Inc. Base Coat - Cedar - BC203

### Other means of identification

**Product Code** 2000300  
**SKU(s)** 2000300, 2000303

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

**Recommended Use** No information available.  
**Uses advised against** No information available

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

**Supplier Address**  
Structures Wood Care, Inc.  
24530 Hazelwood Dr.  
PO Box 599  
Nisswa, MN 56468  
Phone: 866-963-4680  
Fax: 866-963-4689

### Emergency telephone number

**Emergency Telephone** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

|                        |             |
|------------------------|-------------|
| Skin sensitization     | Category 1  |
| Germ cell mutagenicity | Category 1B |
| Carcinogenicity        | Category 1B |
| Aspiration toxicity    | Category 1  |
| Flammable liquids      | Category 3  |

### Emergency Overview

#### Danger

#### Hazard statements

May cause an allergic skin reaction  
May cause genetic defects  
May cause cancer  
May be fatal if swallowed and enters airways  
Flammable liquid and vapor



**Appearance** No information available

**Physical state** Liquid

**Odor** No information available



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|                     |  |
|---------------------|--|
| <b>Skin Contact</b> | Call a physician immediately.  |
| <b>Inhalation</b>   | Move victim to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.     |
| <b>Ingestion</b>    | Do NOT induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Get medical attention. |

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

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

**Note to physicians** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

Flammable. WARNING: Spontaneous combustion (fire) may result from materials such as rags, steel wool, paper, clothing, and other waste soaked in linseed oil. Place in a sealed, water filled, metal container to prevent this.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**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.

**6. ACCIDENTAL RELEASE MEASURES**

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

**Personal precautions** Remove all sources of ignition. Use personal protective equipment as required.

**Environmental precautions**

**Environmental precautions** Do not flush into surface water or sanitary sewer system. 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 cleaning up** Cover liquid spill with sand, earth or other non-combustible absorbent material. Soak up with inert absorbent material.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on safe handling** Avoid contact with skin, eyes or clothing.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

**Incompatible materials** Chlorinated compounds.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

| Chemical name                 | ACGIH TLV    | OSHA PEL   | NIOSH IDLH  |
|-------------------------------|--------------|--|---|
| Ethyl Benzene<br>100-41-4     | TWA: 20 ppm  | TWA: 100 ppm<br>TWA: 435 mg/m <sup>3</sup><br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 435 mg/m <sup>3</sup><br>(vacated) STEL: 125 ppm<br>(vacated) STEL: 545 mg/m <sup>3</sup> | IDLH: 800 ppm<br>TWA: 100 ppm<br>TWA: 435 mg/m <sup>3</sup><br>STEL: 125 ppm<br>STEL: 545 mg/m <sup>3</sup> |
| Stoddard Solvent<br>8052-41-3 | TWA: 100 ppm | TWA: 500 ppm<br>TWA: 2900 mg/m <sup>3</sup><br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 525 mg/m <sup>3</sup>  | IDLH: 20000 mg/m <sup>3</sup><br>Ceiling: 1800 mg/m <sup>3</sup> 15 min<br>TWA: 350 mg/m <sup>3</sup>       |

NIOSH IDLH *Immediately Dangerous to Life or Health*

**Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems.

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

**Eye/face protection** No special technical protective measures are necessary.

**Skin and body protection** No special technical protective measures are necessary.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|                       |                          |                       |                          |
|-----------------------|--------------------------|-----------------------|--------------------------|
| <b>Physical state</b> | Liquid                   | <b>Odor</b>           | No information available |
| <b>Appearance</b>     | No information available | <b>Odor threshold</b> | No information available |
| <b>Color</b>          | No information available |                       |                          |

| <u>Property</u>                | <u>Values</u>            | <u>Remarks • Method</u> |
|--------------------------------|--------------------------|-------------------------|
| pH                             | No information available |                         |
| Melting point / freezing point | No information available |                         |
| Boiling point / boiling range  | >= 80 °C / 176 °F        |                         |
| Flash point                    | 39 °C / 102 °F           |                         |
| Evaporation rate               | No information available |                         |
| Flammability (solid, gas)      | No information available |                         |
| Flammability Limit in Air      |                          |                         |

|                              |                          |
|------------------------------|--------------------------|
| Upper flammability limit:    | No information available |
| Lower flammability limit:    | No information available |
| Vapor pressure               | No information available |
| Vapor density                | No information available |
| Specific Gravity             | 0.89                     |
| Water solubility             | No information available |
| Solubility in other solvents | No information available |
| Partition coefficient        | No information available |
| Autoignition temperature     | No information available |
| Decomposition temperature    | No information available |
| Kinematic viscosity          | No information available |
| Dynamic viscosity            | No information available |
| Explosive properties         | No information available |
| Oxidizing properties         | No information available |

**Other Information**

|                            |                          |
|----------------------------|--------------------------|
| Softening point            | No information available |
| Molecular weight           | No information available |
| Liquid Density             | 7.40 lbs/gal             |
| Bulk density               | No information available |
| Percent solids by weight   | 44.2%                    |
| Percent volatile by weight | 55.8%                    |
| Percent solids by volume   | 36.6%                    |
| Actual VOC (lbs/gal)       | 4.1                      |
| Actual VOC (grams/liter)   | 494.9                    |
| EPA VOC (lbs/gal)          | 4.1                      |
| EPA VOC (grams/liter)      | 494.9                    |
| EPA VOC (lb/gal solids)    | 11.3                     |

**10. STABILITY AND REACTIVITY**

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to avoid**

Heat, flames and sparks.

**Incompatible materials**

Chlorinated compounds.

**Hazardous decomposition products**

Carbon oxides.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

|                     |                    |
|---------------------|--------------------|
| Product Information | No data available  |
| Inhalation          | No data available. |
| Eye contact         | No data available. |

**Skin Contact** No data available.  
**Ingestion** No data available.

| Chemical name                                   | Oral LD50                               | Dermal LD50                               | Inhalation LC50                                |
|---|---|---|--|
| Solvent Naphtha, Medium Aliphatic<br>64742-88-7 | > 25 mL/kg ( Rat )                      | > 3000 mg/kg ( Rabbit )                   | > 13 mg/L ( Rat ) 4 h                          |
| Linseed Oil<br>8001-26-1                        | > 15,000 mg/kg                          | -   | -  |
| Chorothalonil<br>1897-45-6                      | > 10000 mg/kg ( Rat ) = 10 g/kg ( Rat ) | > 10 g/kg ( Rabbit ) > 2500 mg/kg ( Rat ) | = 0.1 mg/L ( Rat ) 4 h = 0.31 mg/L ( Rat ) 1 h |
| Methyl Ethyl Ketoxime<br>96-29-7                | = 930 mg/kg ( Rat )                     | 1000 - 1800 mg/kg ( Rabbit )              | > 4800 mg/m <sup>3</sup> ( Rat ) 4 h           |
| Mineral Spirits<br>64742-48-9                   | > 6000 mg/kg ( Rat )                    | > 3160 mg/kg ( Rabbit )                   | > 8500 mg/m <sup>3</sup> ( Rat ) 4 h           |
| Ethyl Benzene<br>100-41-4                       | = 3500 mg/kg ( Rat )                    | = 15400 mg/kg ( Rabbit )                  | = 17.4 mg/L ( Rat ) 4 h                        |
| Substituted benzotriazole<br>104810-48-2        | > 5000 mg/kg (Rat)                      | -   | -  |
| Stoddard Solvent<br>8052-41-3                   | > 5000 mg/kg (Rat)                      | > 3000 mg/kg (Rabbit)                     | -  |
| Isoparafins<br>64741-65-7                       | > 7000 mg/kg ( Rat )                    | > 2000 mg/kg ( Rabbit )                   | > 5.04 mg/L ( Rat ) 4 h                        |

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available.

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

**Sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** No information available.

| Chemical name              | ACGIH | IARC     | NTP | OSHA |
|----------------------------|-------|----------|-----|------|
| Chorothalonil<br>1897-45-6 | -     | Group 2B | -   | X    |
| Ethyl Benzene<br>100-41-4  | A3    | Group 2B | -   | X    |

ACGIH (American Conference of Governmental Industrial Hygienists)  
A3 - Animal Carcinogen  
IARC (International Agency for Research on Cancer)  
Group 2B - Possibly Carcinogenic to Humans  
Group 3 - Not classifiable as a human carcinogen  
OSHA (Occupational Safety and Health Administration of the US Department of Labor)  
X - Present

**Reproductive toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Chronic toxicity** Ethylbenzene has been classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B). Prolonged or repeated overexposure to ethylbenzene may result in adverse effects to the kidneys, liver, respiratory system, thyroid, testicles, and pituitary glands.  
**Aspiration hazard** No information available.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document mg/kg mg/l

**12. ECOLOGICAL INFORMATION**

This product contains a chemical which is listed as a marine pollutant according to DOT.

**Ecotoxicity**

Toxic to aquatic life with long lasting effects

4.78% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical name                                   | Algae/aquatic plants  | Fish  | Crustacea  |
|---|---|---|--|
| Solvent Naphtha, Medium Aliphatic<br>64742-88-7 | 450: 96 h Pseudokirchneriella<br>subcapitata mg/L EC50  | 800: 96 h Pimephales promelas<br>mg/L LC50 static   | 100: 48 h Daphnia magna mg/L<br>EC50                   |
| Chorothalonil<br>1897-45-6                      | 0.57: 72 h Desmodesmus<br>subspicatus mg/L EC50 0.0068: 72<br>h Pseudokirchneriella subcapitata<br>mg/L EC50 static   | 0.012: 96 h Oncorhynchus mykiss<br>mg/L LC50 semi-static 0.0076: 96 h<br>Oncorhynchus mykiss mg/L LC50<br>flow-through 0.0221 - 0.032: 96 h<br>Lepomis macrochirus mg/L LC50<br>flow-through 0.045 - 0.057: 96 h<br>Lepomis macrochirus mg/L LC50<br>static   | 0.0342 - 0.143: 48 h Daphnia<br>magna mg/L EC50 Static |
| Methyl Ethyl Ketoxime<br>96-29-7                | 83: 72 h Desmodesmus subspicatus<br>mg/L EC50   | 777 - 914: 96 h Pimephales<br>promelas mg/L LC50 flow-through<br>760: 96 h Poecilia reticulata mg/L<br>LC50 static 320 - 1000: 96 h<br>Leuciscus idus mg/L LC50 static  | 750: 48 h Daphnia magna mg/L<br>EC50                   |
| Mineral Spirits<br>64742-48-9                   | -   | 2200: 96 h Pimephales promelas<br>mg/L LC50   | 2.6: 96 h Chaetogammarus marinus<br>mg/L LC50          |
| Ethyl Benzene<br>100-41-4                       | 4.6: 72 h Pseudokirchneriella<br>subcapitata mg/L EC50 2.6 - 11.3:<br>72 h Pseudokirchneriella<br>subcapitata mg/L EC50 static 1.7 -<br>7.6: 96 h Pseudokirchneriella<br>subcapitata mg/L EC50 static 438:<br>96 h Pseudokirchneriella<br>subcapitata mg/L EC50 | 11.0 - 18.0: 96 h Oncorhynchus<br>mykiss mg/L LC50 static 7.55 - 11:<br>96 h Pimephales promelas mg/L<br>LC50 flow-through 4.2: 96 h<br>Oncorhynchus mykiss mg/L LC50<br>semi-static 32: 96 h Lepomis<br>macrochirus mg/L LC50 static 9.6:<br>96 h Poecilia reticulata mg/L LC50<br>static 9.1 - 15.6: 96 h Pimephales<br>promelas mg/L LC50 static | 1.8 - 2.4: 48 h Daphnia magna mg/L<br>EC50             |
| Isoparafins<br>64741-65-7                       | 30000: 72 h Pseudokirchneriella<br>subcapitata mg/L EC50  | -   | 2: 48 h Mysidopsis bahia mg/L<br>LC50                  |

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

| Chemical name                    | Partition coefficient |
|----------------------------------|-----------------------|
| Chorothalonil<br>1897-45-6       | 2.9                   |
| Methyl Ethyl Ketoxime<br>96-29-7 | 0.65                  |
| Ethyl Benzene<br>100-41-4        | 3.2                   |

**Other adverse effects**

No information available

**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**

Do not reuse container.

**US EPA Waste Number**

D001 U220 U127 U239 U019 U055

| Chemical name             | RCRA | RCRA - Basis for Listing          | RCRA - D Series Wastes | RCRA - U Series Wastes |
|---------------------------|------|-----------------------------------|------------------------|------------------------|
| Ethyl Benzene<br>100-41-4 | -    | Included in waste stream:<br>F039 | -                      | -                      |

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical name             | California Hazardous Waste Status |
|---------------------------|-----------------------------------|
| Ethyl Benzene<br>100-41-4 | Toxic<br>Ignitable                |

#### 14. TRANSPORT INFORMATION

**DOT** Not regulated  
**Marine pollutant** This product contains a chemical which is listed as a marine pollutant according to DOT.

#### 15. REGULATORY INFORMATION

##### International Inventories

**TSCA** Complies  
**DSL/NDSL** Complies \*  
**EINECS/ELINCS** Does not comply \*  
**ENCS** Does not comply \*  
**IECSC** Complies \*  
**KECL** Does not comply \*  
**PICCS** Does not comply \*  
**AICS** Does not comply \*

\* This product contains an unknown chemical, therefore, this product's compliance to the inventory list is NOT DETERMINED

##### 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

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical name | SARA 313 - Threshold Values % |
|---------------|-------------------------------|
| Chorothalonil | 0.1                           |
| Ethyl Benzene | 0.1                           |

##### SARA 311/312 Hazard Categories

**Acute health hazard** Yes  
**Chronic Health Hazard** No  
**Fire hazard** Yes  
**Sudden release of pressure hazard** No  
**Reactive Hazard** No



**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical name             | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|---------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Ethyl Benzene<br>100-41-4 | 1000 lb                     | X                      | X                         | X                          |

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical name             | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)                  |
|---------------------------|--------------------------|----------------|---|
| Ethyl Benzene<br>100-41-4 | 1000 lb                  | -              | RQ 1000 lb final RQ<br>RQ 454 kg final RQ |

**US State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals

| Chemical name                                      | California Proposition 65                        |
|--|--|
| Chorothalonil - 1897-45-6                          | Carcinogen                                       |
| Ethyl Benzene - 100-41-4                           | Carcinogen                                       |
| Crystalline Silica - 14808-60-7                    | Carcinogen                                       |
| Toluene - 108-88-3                                 | Developmental                                    |
| Benzene(including benzene from gasoline) - 71-43-2 | Carcinogen<br>Developmental<br>Male Reproductive |
| Cumene - 98-82-8                                   | Carcinogen                                       |
| Hexachlorobenzene - 118-74-1                       | Carcinogen<br>Developmental                      |

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

| Chemical name              | New Jersey | Massachusetts |
|----------------------------|------------|---------------|
| Xylene<br>1330-20-7        | X          | X             |
| Chorothalonil<br>1897-45-6 | X          | X             |
| Ethyl Benzene<br>100-41-4  | X          | X             |

| Chemical name            | Pennsylvania |
|--------------------------|--------------|
| Linseed Oil<br>8001-26-1 | X            |

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**Hazardous air pollutants (HAPS) content**

This product contains no Hazardous Air Pollutants individually at 1% by weight, or greater.

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

|                                   |                           |                |                    |                                    |
|-----------------------------------|---------------------------|----------------|--------------------|------------------------------------|
| <b>NFPA</b>                       | Health hazards 1          | Flammability 2 | Instability 0      | Physical and chemical properties - |
| <b>HMIS</b>                       | Health hazards 1 *        | Flammability 2 | Physical hazards 0 | Personal protection X              |
| <i>Chronic Hazard Star Legend</i> | * = Chronic Health Hazard |                |                    |                                    |

**Revision Date** 21-Feb-2019

**Revision Note**  
No information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the

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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. Shipping information may vary based upon container size and shipping destination. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. The manufacturer assumes no responsibility for injury to the recipient or third persons, or for any damages to any property resulting from misuse of the product.

**End of Safety Data Sheet**