

X-100 Natural Seal Deck Stain

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations
Revision Date: 11/04/2014 Date of issue: 10/16/2014

Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: X-100 Natural Seal Deck Stain

1.2. Intended Use of the Product

Wood protectant

1.3. Name, Address, and Telephone of the Responsible Party Company

American Building Restoration Products, Inc. 9720 South 60th Street Franklin, WI 53132 T 800-346-7532

1.4. Emergency Telephone Number

Chemtrec 1-800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US)

Flam. Liq. 4 H227

Skin Irrit. 2 H315

Skin Sens. 1 H317

Muta. 1B H340

Carc. 1B H350

Repr. 1B H360

STOT SE 3 H336

Asp. Tox. 1 H304

Aquatic Acute 2 H401

Aquatic Chronic 3 H412

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US) : Danger

Hazard Statements (GHS-US) :

H227 - Combustible liquid.

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H336 - May cause drowsiness or dizziness.

H340 - May cause genetic defects.

H350 - May cause cancer.

H360 - May damage fertility or the unborn child.

H401 - Toxic to aquatic life.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary Statements (GHS-US) :

P201 - Obtain special instructions before use.

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P202 - Do not handle until all safety precautions have been read and understood.

P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking.

P261 - Avoid breathing vapors, spray, mist, fume.

P264 - Wash hands, forearms and face thoroughly after handling.

P271 - Use only outdoors or in a well-ventilated area.

P272 - Contaminated work clothing must not be allowed out of the workplace.

P273 - Avoid release to the environment.

P280 - Wear eye protection, face protection, protective gloves.

P301+P310 - **IF SWALLOWED**: Immediately call a POISON CENTER or doctor.

P302+P352 - **IF ON SKIN**: Wash with plenty of water.

P304+P340 - **IF INHALED**: Remove person to fresh air and keep at rest in a position comfortable for breathing.

P308+P313 - If exposed or concerned: Get medical advice/attention.

P312 - Call a doctor or POISON CENTER if you feel unwell.

P321 - **Specific treatment (see Section 4).**

P331 - **Do NOT induce vomiting.**

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P370+P378 - In case of fire: Use foam, carbon dioxide (CO₂), sand, extinguishing powder to extinguish.

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

P235 - Keep cool.

P405 - Store locked up.

P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

2.3. Other Hazards

Flammable vapors can accumulate in head space of closed systems. Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)

This mixture contains 52.77% components of unknown toxicity.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixture

| Name | Product Identifier | % (w/w) | Classification (GHS-US) |
|--|---------------------|----------------------|--|
| Linseed oil | (CAS No) 8001-26-1 | 23.4202 | Not classified |
| Linseed oil, polymer with Maleic anhydride and Pentaerythritol | (CAS No) 67922-98-9 | 23.4202 | Not classified |
| Petroleum distillates, hydrotreated light | (CAS No) 64742-47-8 | 22.7284 - 22.7431 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 2, H401 |
| Distillates, petroleum, solvent-refined light paraffinic | (CAS No) 64741-89-5 | 22.1645 | Acute Tox. 4 (Inhalation:dust,mist), H332 Carc. 1B, H350 Asp. Tox. 1, H304 |

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| | | | |
|---|---------------------|--------------|--|
| Butanedioic acid, sulfo-, 1,4-ditridecyl ester, sodium salt | (CAS No) 2673-22-5 | 4.2652 | Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Chronic 2, H411 |
| Terpene hydrocarbons, n.o.s. | (CAS No) 68956-56-9 | 0.7188 | Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 |
| Water | (CAS No) 7732-18-5 | 0.599 | Not classified |
| Chlorothalonil | (CAS No) 1897-45-6 | 0.5 | Eye Dam. 1, H318 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| Nepheline syenite | (CAS No) 37244-96-5 | 0.4197 | Not classified |
| Copper naphthenate | (CAS No) 1338-02-9 | 0.3594 | Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| Manganese | (CAS No) 7439-96-5 | 0.2995 | Comb. Dust, H232 |
| Pine oil | (CAS No) 8002-09-3 | 0.2396 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 3, H402 Aquatic Chronic 2, H411 |
| Stoddard solvent | (CAS No) 8052-41-3 | 0.124 -0.223 | Flam. Liq. 3, H226 Eye Irrit. 2A, H319 Muta. 1B, H340 Carc. 1B, H350 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| Boric acid (H ₃ BO ₃) | (CAS No) 10043-35-3 | 0.2096 | Repr. 1B, H360 |

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible). If exposed or concerned: Seek medical advice/attention.

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

Skin Contact: Remove contaminated clothing. Gently wash with plenty of soap and water followed by rinsing with water for at least 15 minutes. Call a POISON CENTER or doctor/physician if you feel unwell. Wash contaminated clothing before reuse.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Obtain medical attention if irritation persists.

Ingestion: Rinse mouth thoroughly with water. Do NOT induce vomiting. Seek medical attention immediately.

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4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. May cause drowsiness and dizziness. May cause cancer. May damage fertility. May damage the unborn child. May cause genetic defects.

Inhalation: May cause drowsiness or dizziness. Overexposure may be irritating to the respiratory system.

Skin Contact: Causes skin irritation. May cause an allergic skin reaction.

Eye Contact: Direct contact with the eyes is likely irritating.

Ingestion: May be harmful if swallowed and enters airways. Aspiration into the lungs can cause severe pulmonary edema/hemorrhage. Ingestion may cause nausea, vomiting and diarrhea.

Chronic Symptoms: May cause cancer. May damage fertility or the unborn child. May cause genetic defects.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Alcohol foam, carbon dioxide (CO₂), sand, extinguishing powder to extinguish.

Fire Hazard: Combustible liquid.

Explosion Hazard: May form flammable/explosive vapor-air mixture.

Reactivity: Reacts with (strong) oxidizers: (increased) risk of fire.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.

Firefighting Instructions: Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Incomplete combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates and gases, including carbon monoxide. Carbon dioxide. Hydrocarbons.

Reference to Other Sections

Refer to section 9 for flammability properties. SECTION 6:

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid breathing (vapor, mist, spray, fume). Avoid all unnecessary exposure.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area. Stop leak if safe to do so. Eliminate ignition sources.

6.2. Environmental Precautions

Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Do not allow to enter drains or water sources. Contact competent authorities after a spill.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

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Methods for Cleaning Up: Absorb and/or contain spill with inert material. Collect absorbed material and place into a sealed, labeled container for proper disposal. Do not take up in combustible material such as: saw dust or cellulosic material. Use only non-sparking tools.

6.4. Reference to Other Sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained. Handle empty containers with care because residual vapors are flammable.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Ground/bond container and receiving equipment. Use explosion-proof ventilating, lighting, electrical equipment. Store according to competent authority. Comply with applicable regulations.

Storage Conditions: Store in a cool, dry, well-ventilated place. Keep containers tightly closed. Do not store near heat, flame, or other potential ignition sources. Do not store with oxidizers. Do not store in unlabeled containers. Ground all equipment containing this material.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)

Wood protectant.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters: For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

| Petroleum distillates, hydrotreated light (64742-47-8) | | |
|--|--------------------------------|--|
| British Columbia | OEL TWA (mg/m ³) | 200 mg/m ³ (application restricted to conditions in which there are negligible aerosol exposures) |
| Boric acid (H3BO3) (10043-35-3) | | |
| USA ACGIH | ACGIH TWA (mg/m ³) | 2 mg/m ³ (inhalable fraction) |
| USA NIOSH | OEL STEL (mg/m ³) | 6 mg/m ³ (inhalable fraction) |
| British Columbia | OEL STEL (mg/m ³) | 6 mg/m ³ (inhalable) |
| British Columbia | OEL TWA (mg/m ³) | 2 mg/m ³ (inhalable) |
| Manitoba | OEL STEL (mg/m ³) | 6 mg/m ³ (inhalable fraction) |
| Manitoba | OEL TWA (mg/m ³) | 2 mg/m ³ (inhalable fraction) |
| Newfoundland & Labrador | OEL STEL (mg/m ³) | 6 mg/m ³ (inhalable fraction) |
| Newfoundland & Labrador | OEL TWA (mg/m ³) | 2 mg/m ³ (inhalable fraction) |
| Nova Scotia | OEL STEL (mg/m ³) | 6 mg/m ³ (inhalable fraction) |
| Nova Scotia | OEL TWA (mg/m ³) | 2 mg/m ³ (inhalable fraction) |
| Ontario | OEL STEL (mg/m ³) | 6 mg/m ³ (inhalable) |
| Ontario | OEL TWA (mg/m ³) | 2 mg/m ³ (inhalable) |
| Prince Edward Island | OEL STEL (mg/m ³) | 6 mg/m ³ (inhalable fraction) |
| Prince Edward Island | OEL TWA (mg/m ³) | 2 mg/m ³ (inhalable fraction) |
| Saskatchewan | OEL STEL (mg/m ³) | 6 mg/m ³ (inhalable fraction) |

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| Saskatchewan | OEL TWA (mg/m ³) | 2 mg/m ³ (inhalable fraction) |
|---------------------|------------------------------|--|

| Manganese (7439-96-5) | | |
|------------------------------------|---|--|
| Mexico | OEL TWA (mg/m ³) | 0.2 mg/m ³ 1 mg/m ³ (fume) |
| Mexico | OEL STEL (mg/m ³) | 3 mg/m ³ (fume) |
| USA ACGIH | ACGIH TWA (mg/m ³) | 0.02 mg/m ³ (respirable fraction) 0.1 mg/m ³ (inhalable fraction) |
| USA OSHA | OSHA PEL (Ceiling) (mg/m ³) | 5 mg/m ³ (fume) |
| USA NIOSH | NIOSH REL (TWA) (mg/m ³) | 1 mg/m ³ (fume) |
| USA NIOSH | NIOSH REL (STEL) (mg/m ³) | 3 mg/m ³ |
| USA IDLH | US IDLH (mg/m ³) | 500 mg/m ³ |
| Alberta | OEL TWA (mg/m ³) | 0.2 mg/m ³ |
| British Columbia | OEL TWA (mg/m ³) | 0.2 mg/m ³ |
| Manitoba | OEL TWA (mg/m ³) | 0.02 mg/m ³ (respirable fraction) |
| New Brunswick | OEL TWA (mg/m ³) | 0.2 mg/m ³ |
| Newfoundland & Labrador | OEL TWA (mg/m ³) | 0.02 mg/m ³ (respirable fraction) |
| Nova Scotia | OEL TWA (mg/m ³) | 0.02 mg/m ³ (respirable fraction) |
| Nunavut | OEL Ceiling (mg/m ³) | 5 mg/m ³ |
| Nunavut | OEL STEL (mg/m ³) | 3 mg/m ³ (fume) |
| Nunavut | OEL TWA (mg/m ³) | 1 mg/m ³ (fume) |
| Northwest Territories | OEL Ceiling (mg/m ³) | 5 mg/m ³ |
| Northwest Territories | OEL STEL (mg/m ³) | 3 mg/m ³ (fume) |
| Northwest Territories | OEL TWA (mg/m ³) | 1 mg/m ³ (fume) |
| Ontario | OEL TWA (mg/m ³) | 0.2 mg/m ³ |
| Prince Edward Island | OEL TWA (mg/m ³) | 0.02 mg/m ³ (respirable fraction) |
| Quebec | VEMP (mg/m ³) | 0.2 mg/m ³ (total dust and fume) |
| Saskatchewan | OEL STEL (mg/m ³) | 0.6 mg/m ³ |
| Saskatchewan | OEL TWA (mg/m ³) | 0.2 mg/m ³ |
| Yukon | OEL Ceiling (mg/m ³) | 5 mg/m ³ |

| Nepheline syenite (37244-96-5) | | |
|---------------------------------------|------------------------------|-----------------------------------|
| Ontario | OEL TWA (mg/m ³) | 10 mg/m ³ (total dust) |

| Stoddard solvent (8052-41-3) | | |
|-------------------------------------|--|-------------------------|
| Mexico | OEL TWA(mg/m ³) | 523 mg/m ³ |
| Mexico | OEL TWA (ppm) | 100 ppm |
| Mexico | OEL STEL (mg/m ³) | 1050 mg/m ³ |
| Mexico | OEL STEL (ppm) | 200 ppm |
| USA ACGIH | ACGIH TWA (ppm) | 100 ppm |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 2900 mg/m ³ |
| USA OSHA | OSHA PEL (TWA) (ppm) | 500 ppm |
| USA NIOSH | NIOSH REL (TWA) (mg/m ³) | 350 mg/m ³ |
| USA NIOSH | NIOSH REL (ceiling) (mg/m ³) | 1800 mg/m ³ |
| USA IDLH | US IDLH (mg/m ³) | 20000 mg/m ³ |
| Alberta | OEL TWA (mg/m ³) | 572 mg/m ³ |
| Alberta | OEL TWA (ppm) | 100 ppm |
| British Columbia | OEL STEL (mg/m ³) | 580 mg/m ³ |
| British Columbia | OEL TWA (mg/m ³) | 290 mg/m ³ |
| Manitoba | OEL TWA (ppm) | 100 ppm |

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| New Brunswick | OEL TWA (mg/m ³) | 525 mg/m ³ |
| New Brunswick | OEL TWA (ppm) | 100 ppm |
| Newfoundland & Labrador | OEL TWA (ppm) | 100 ppm |
| Nova Scotia | OEL TWA (ppm) | 100 ppm |
| Nunavut | OEL STEL (mg/m ³) | 720 mg/m ³ |
| Nunavut | OEL STEL (ppm) | 125 ppm |
| Nunavut | OEL TWA (mg/m ³) | 575 mg/m ³ |
| Nunavut | OEL TWA (ppm) | 100 ppm |
| Northwest Territories | OEL STEL (mg/m ³) | 720 mg/m ³ |
| Northwest Territories | OEL STEL (ppm) | 125 ppm |
| Northwest Territories | OEL TWA (mg/m ³) | 575 mg/m ³ |
| Northwest Territories | OEL TWA (ppm) | 100 ppm |
| Ontario | OEL TWA (mg/m ³) | 525 mg/m ³ (140°C Flash aliphatic solvent) |
| Prince Edward Island | OEL TWA (ppm) | 100 ppm |
| Québec | VEMP (mg/m ³) | 525 mg/m ³ |
| Québec | VEMP (ppm) | 100 ppm |
| Saskatchewan | OEL STEL (ppm) | 125 ppm |
| Saskatchewan | OEL TWA (ppm) | 100 ppm |
| Yukon | OEL STEL (mg/m ³) | 720 mg/m ³ |
| Yukon | OEL STEL (ppm) | 150 ppm |
| Yukon | OEL TWA (mg/m ³) | 575 mg/m ³ |
| Yukon | OEL TWA (ppm) | 100 ppm |

8.2. Exposure Controls

Appropriate Engineering Controls: Gas detectors should be used when flammable gases/vapors may be released. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Proper grounding procedures to avoid static electricity should be followed. Use explosion proof equipment. Ensure all national/local regulations are observed.

Personal Protective Equipment: Insufficient ventilation: wear respiratory protection. Protective goggles. Gloves. Protective clothing.



Materials for Protective Clothing: Wear suitable protective clothing.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical goggles or safety glasses.

Skin and Body Protection: Wear suitable protective clothing or Rubber apron.

Respiratory Protection: Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Environmental Exposure Controls: Do not allow the product to be released into the environment.

Consumer Exposure Controls: Do not eat, drink or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State :

Liquid

Appearance :

Not available

Odor :

Not available

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| Odor Threshold : | Not available |
| pH : | Not available |
| Evaporation Rate : | Not available |
| Melting Point : | Not available |
| Freezing Point : | Not available |
| Boiling Point : | Not available |
| Flash Point : | 77.2 °C (171 °F) |
| Auto-ignition Temperature : | Not available |
| Decomposition Temperature : | Not available |
| Flammability (solid, gas) : | Not available |
| Lower Flammable Limit : | Not available |
| Upper Flammable Limit : | Not available |
| Vapor Pressure : | Not available |
| Relative Vapor Density at 20 °C : | Not available |
| Relative Density : | Not available |
| Specific Gravity : | Not available |
| Solubility : | Not available |
| Partition Coefficient: N-octanol/water : | Not available |
| Viscosity : | Not available |
| Explosive Properties : | Product is not explosive, however, formation of explosive air-vapor mixture is possible |
| Explosion Data – Sensitivity to Mechanical Impact : | Not expected to present an explosion hazard due to mechanical impact |
| Explosion Data – Sensitivity to Static Discharge : | Not expected to present an explosion hazard due to static discharge |

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: Reacts with (strong) oxidizers: (increased) risk of fire.

10.2. Chemical Stability: Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

10.4. Conditions to Avoid: Direct sunlight, extremely high or low temperatures, open flames, sources of ignition and incompatible materials.

10.5. Incompatible Materials: Strong acids, strong bases, strong oxidizers.

10.6. Hazardous Decomposition Products: Hydrocarbons. Gives off toxic and irritant fumes when heated or burning. Carbon oxides (CO, CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects - Product

Acute Toxicity: Not classified

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage/Irritation: Not classified

Respiratory or Skin Sensitization: May cause an allergic skin reaction.

Germ Cell Mutagenicity: May cause genetic defects.

Teratogenicity: May cause birth defects.

Carcinogenicity: May cause cancer.

Specific Target Organ Toxicity (Repeated Exposure): Not classified

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Reproductive Toxicity: May damage fertility or the unborn child.

Specific Target Organ Toxicity (Single Exposure): May cause drowsiness or dizziness.

Aspiration Hazard: May be fatal if swallowed and enters airways.

Symptoms/Injuries After Inhalation: May cause drowsiness or dizziness. Overexposure may be irritating to the respiratory system.

Symptoms/Injuries After Skin Contact: Causes skin irritation. May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: Direct contact with the eyes is likely irritating.

Symptoms/Injuries After Ingestion: May be harmful if swallowed and enters airways. Aspiration into the lungs can cause severe pulmonary edema/hemorrhage. Ingestion may cause nausea, vomiting and diarrhea.

Chronic Symptoms: May cause cancer. May damage fertility or the unborn child. May cause genetic defects.

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Distillates, petroleum, solvent-refined light paraffinic (64741-89-5)

LD50 Oral Rat > 5000 mg/kg

LD50 Dermal Rabbit > 5 g/kg

LC50 Inhalation Rat 2.18 mg/l/4h

Petroleum distillates, hydrotreated light (64742-47-8)

LD50 Oral Rat > 5000 mg/kg

LD50 Dermal Rabbit > 2000 mg/kg

LC50 Inhalation Rat > 5.2 mg/l/4h

Copper naphthenate (1338-02-9)

LD50 Oral Rat 2000 mg/kg

LD50 Dermal Rabbit > 2000 mg/kg

Boric acid (H3BO3) (10043-35-3)

LD50 Oral Rat 2660 mg/kg

LD50 Dermal Rabbit > 2000 mg/kg

LC50 Inhalation Rat > 0.16 mg/l/4h

Manganese (7439-96-5)

LD50 Oral Rat > 2000 mg/kg

Acute Toxicity: Not classified

Stoddard solvent (8052-41-3)

LD50 Oral Rat > 5 g/kg Behavioral somnolence

LD50 Dermal Rabbit > 3 mg/kg

Chlorothalonil (1897-45-6)

LD50 Oral Rat 3260 mg/kg

LD50 Dermal Rat 2020 mg/kg

LD50 Dermal Rabbit 10 g/kg

LC50 Inhalation Rat 0.1 mg/l/4h

ATE US (vapors) 0.10 mg/l/4h

ATE US (dust, mist) 0.05 mg/l/4h

Chlorothalonil (1897-45-6)

IARC Group 2B

National Toxicity Program (NTP) Status Evidence of Carcinogenicity.

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SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Distillates, petroleum, solvent-refined light paraffinic (64741-89-5)

LC50 Fish 1 > 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)

EC50 Daphnia 1 > 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Petroleum distillates, hydrotreated light (64742-47-8)

LC50 Fish 1 45 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])

LC 50 Fish 2 2.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

Copper naphthenate (1338-02-9)

LC50 Fish 1 161 (20 - 230) µg/l (Exposure time: 96h - Species: Oncorhynchus mykiss)

Boric acid (H3BO3) (10043-35-3)

EC50 Daphnia 1 115 - 153 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Manganese (7439-96-5)

NOEC chronic fish 3.6 mg/l (Exposure time: 96h; Species: Oncorhynchus mykiss)

Stoddard solvent (8052-41-3)

EC50 Daphnia 1 0.42 mg/l

Pine oil (8002-09-3)

EC50 Daphnia 1 17 - 28 mg/l (Exposure time: 48 h - Species: Daphnia magna [Flow through])

Terpene hydrocarbons, n.o.s. (68956-56-9)

LC50 Fish 1 5.07 mg/l

EC50 Daphnia 1 2.7 mg/l

ErC50 (algae) 3.081 mg/l

Chlorothalonil (1897-45-6)

LC50 Fish 1 0.012 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static])

EC50 Daphnia 1 0.0342 - 0.143 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

LC 50 Fish 2 0.0076 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])

12.2. Persistence and Degradability

Not available

12.3. Bioaccumulative Potential

Petroleum distillates, hydrotreated light (64742-47-8)

BCF Fish 1 61 - 159

Boric acid (H3BO3) (10043-35-3)

BCF Fish 1 0

Log Pow -0.757 (at 25 °C)

Stoddard solvent (8052-41-3)

Log Pow 3.16 (Octanol/water partition coefficient 3.16/7.06)

Chlorothalonil (1897-45-6)

Log Pow 2.9 (at 22 °C)

12.4. Mobility in Soil

Not available

12.5. Other Adverse Effects

Not available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Sewage Disposal Recommendations: Do not dispose of waste into sewer. Do not empty into drains; dispose of this material and its container in a safe way.

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

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SECTION 14: TRANSPORT INFORMATION

14.1. In Accordance with DOT

Proper Shipping Name : COMBUSTIBLE LIQUID, N.O.S., (OIL BASE STAIN PAINT)
Identification Number : NA1993
Packing Group : III
ERG Number : 128

14.2. In Accordance with IMDG Not regulated for transport

14.3. In Accordance with IATA Not regulated for transport

14.4. In Accordance with TDG Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

X-100 Natural Seal Deck Stain

SARA Section 311/312 Hazard Classes Fire hazard
Immediate (acute) health hazard
Delayed (chronic) health hazard

Distillates, petroleum, solvent-refined light paraffinic (64741-89-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Linseed oil (8001-26-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

EPA TSCA Regulatory Flag Y2 - Y2 - indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.

Linseed oil, polymer with Maleic anhydride and Pentaerythritol (67922-98-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Petroleum distillates, hydrotreated light (64742-47-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

SARA Section 311/312 Hazard Classes Fire hazard Immediate (acute) health hazard

Copper naphthenate (1338-02-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Boric acid (H3BO3) (10043-35-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Water (7732-18-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Butanedioic acid, sulfo-, 1,4-ditridecyl ester, sodium salt (2673-22-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Manganese (7439-96-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on United States SARA Section 313

SARA Section 313 - Emission Reporting 1.0 %

Stoddard solvent (8052-41-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Pine oil (8002-09-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Terpene hydrocarbons, n.o.s. (68956-56-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Chlorothalonil (1897-45-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on United States SARA Section 313

SARA Section 313 - Emission Reporting 0.1 %

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15.2. US State Regulations

Chlorothalonil (1897-45-6)

U.S. - California - Proposition 65 - Carcinogens List WARNING: This product contains chemicals known to the State of California to cause cancer.

Distillates, petroleum, solvent-refined light paraffinic (64741-89-5)

U.S. - Massachusetts - Right To Know List

Linseed oil (8001-26-1)

U.S. - Pennsylvania - RTK (Right to Know) List

Manganese (7439-96-5)

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

U.S. - Pennsylvania - RTK (Right to Know) List

Stoddard solvent (8052-41-3)

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

Pine oil (8002-09-3)

U.S. - New Jersey - Right to Know Hazardous Substance List

Chlorothalonil (1897-45-6)

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

U.S. - Pennsylvania - RTK (Right to Know) List

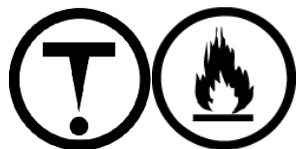
15.3. Canadian Regulations

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WHMIS Classification Class D Division 2 Subdivision A - Very toxic material causing other toxic effects

Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Class B Division 3 - Combustible Liquid



Distillates, petroleum, solvent-refined light paraffinic (64741-89-5)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification Class D Division 2 Subdivision A - Very toxic material causing other toxic effects

Linseed oil (8001-26-1)

Listed on the Canadian DSL (Domestic Substances List)

Listed on the Canadian IDL (Ingredient Disclosure List)

IDL Concentration 1 %

WHMIS Classification Uncontrolled product according to WHMIS classification criteria

Linseed oil, polymer with Maleic anhydride and Pentaerythritol (67922-98-9)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification Uncontrolled product according to WHMIS classification criteria

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Petroleum distillates, hydrotreated light (64742-47-8)

Listed on the Canadian DSL (Domestic Substances List)
WHMIS Classification Class B Division 3 - Combustible Liquid
Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Copper naphthenate (1338-02-9)

Listed on the Canadian DSL (Domestic Substances List)
Listed on the Canadian IDL (Ingredient Disclosure List)

IDL Concentration 1 %

WHMIS Classification Class B Division 3 - Combustible Liquid

Boric acid (H3BO3) (10043-35-3)

Listed on the Canadian DSL (Domestic Substances List)
Listed on the Canadian IDL (Ingredient Disclosure List)

IDL Concentration 1 %

WHMIS Classification Class D Division 2 Subdivision A - Very toxic material causing other toxic effects

Water (7732-18-5)

Listed on the Canadian DSL (Domestic Substances List)
WHMIS Classification Uncontrolled product according to WHMIS classification criteria

Butanedioic acid, sulfo-, 1,4-ditridecyl ester, sodium salt (2673-22-5)

Listed on the Canadian DSL (Domestic Substances List)
WHMIS Classification Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Manganese (7439-96-5)

Listed on the Canadian DSL (Domestic Substances List)
Listed on the Canadian IDL (Ingredient Disclosure List)

IDL Concentration 1 %

WHMIS Classification Uncontrolled product according to WHMIS classification criteria

Stoddard solvent (8052-41-3)

Listed on the Canadian DSL (Domestic Substances List)
Listed on the Canadian IDL (Ingredient Disclosure List)

IDL Concentration 1 %

WHMIS Classification Class B Division 3 - Combustible Liquid
Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Pine oil (8002-09-3)

Listed on the Canadian DSL (Domestic Substances List)
WHMIS Classification Class B Division 3 - Combustible Liquid
Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Terpene hydrocarbons, n.o.s. (68956-56-9)

Listed on the Canadian DSL (Domestic Substances List)
WHMIS Classification Class B Division 2 - Flammable Liquid
Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Chlorothalonil (1897-45-6)

Listed on the Canadian DSL (Domestic Substances List)
WHMIS Classification Class D Division 2 Subdivision A - Very toxic material causing other toxic effects
Class D Division 1 Subdivision A - Very toxic material causing immediate and serious toxic effects
Class D Division 2 Subdivision B - Toxic material causing other toxic effects

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

SECTION 16: OTHER INFORMATION. INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date : 11/04/2014
Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

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GHS Full Text Phrases:

Acute Tox. 4

(Inhalation:dust,mist)

Acute toxicity (inhalation:dust,mist) Category 4

Acute Tox. 4 (Oral) Acute toxicity (oral) Category 4

Aquatic Acute 1 Hazardous to the aquatic environment - Acute Hazard Category 1

Aquatic Acute 2 Hazardous to the aquatic environment - Acute Hazard Category 2

Aquatic Acute 3 Hazardous to the aquatic environment - Acute Hazard Category 3

Aquatic Chronic 1 Hazardous to the aquatic environment - Chronic Hazard Category 1

Aquatic Chronic 2 Hazardous to the aquatic environment - Chronic Hazard Category 2

Aquatic Chronic 3 Hazardous to the aquatic environment - Chronic Hazard Category 3

Asp. Tox. 1 Aspiration hazard Category 1

Carc. 1B Carcinogenicity Category 1B

Carc. 2 Carcinogenicity Category 2

Comb. Dust Combustible Dust

Eye Dam. 1 Serious eye damage/eye irritation Category 1

Eye Irrit. 2A Serious eye damage/eye irritation Category 2A

Flam. Liq. 2 Flammable liquids Category 2

Flam. Liq. 3 Flammable liquids Category 3

Flam. Liq. 4 Flammable liquids Category 4

Muta. 1B Germ cell mutagenicity Category 1B

Repr. 1B Reproductive toxicity Category 1B

Skin Irrit. 2 Skin corrosion/irritation Category 2

Skin Sens. 1 Skin sensitization Category 1

Skin Sens. 1B Skin sensitization Category 1B

STOT SE 3 Specific target organ toxicity (single exposure) Category 3

STOT SE 3 Specific target organ toxicity (single exposure) Category 3

H225 Highly flammable liquid and vapor

H226 Flammable liquid and vapor

H227 Combustible liquid

H232 May form combustible dust concentrations in air

H302 Harmful if swallowed

H304 May be fatal if swallowed and enters airways

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H318 Causes serious eye damage

H319 Causes serious eye irritation

H332 Harmful if inhaled

H335 May cause respiratory irritation

H336 May cause drowsiness or dizziness

H340 May cause genetic defects

H350 May cause cancer

H351 Suspected of causing cancer

H360 May damage fertility or the unborn child

H400 Very toxic to aquatic life

H401 Toxic to aquatic life

H402 Harmful to aquatic life

H410 Very toxic to aquatic life with long lasting effects

H411 Toxic to aquatic life with long lasting effects

H412 Harmful to aquatic life with long lasting effects

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.
North America GHS US 2012 & WHMIS 2