
**PRODUCT IDENTIFICATION**
MetroGuard™ Wax

**ADDRESS**
P.O. Box 9240 Canton, Ohio 44711-9240

**SECTION I**

**MANUFACTURER'S NAME**
Ironrock Capital Inc.

**ADDRESS**
1201 Millerton Street SE
Canton, Ohio 44707

**EMERGENCY TELEPHONE NUMBER**
330 484 4887

**TELEPHONE NUMBER FOR INFORMATION**
330 484 4887

**DATE PREPARED**
11/11/13

**SECTION II**

MetroGuard™ Wax is paraffin with Alkoxysilane and Alkyl siloxane additives.

**INGREDIENTS/IDENTITY INFORMATION**

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>CAS No.</th>
<th>Estimated % by Wt.</th>
<th>OSHA PEL mg/m³ (8 Hr-TWA)</th>
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</thead>
<tbody>
<tr>
<td>Paraffin</td>
<td>8002-74-2</td>
<td>99%</td>
<td>10 mg/m³ *</td>
</tr>
<tr>
<td>Alkoxysilane</td>
<td>&lt; 1 %</td>
<td>Not Listed</td>
<td></td>
</tr>
<tr>
<td>Alkyl siloxane</td>
<td>&lt; 1 %</td>
<td>Not Listed</td>
<td></td>
</tr>
</tbody>
</table>

**Section III**

**HEALTH HAZARD DATA**

**Note**
No Health Hazard exists from solid form.

**Acute**

- **Inhaled**
  Vapors emitted from molten wax are expected to have a low degree of irritation.

- **Skin**
  Contact to skin will cause no adverse effects. Contact with molten wax may cause thermal burns.

- **Eye**
  Solid material is not expected to be an eye irritant, however, contact with molten wax may cause thermal burns. Vapors from molten wax may cause watering of the eyes.

- **Ingestion**
  Considered an unlikely route of entry in the industrial situation. Ingestion of large quantities may cause damage to health.

**Chronic**
None

**Carcinogenicity**

- **NTP**
  No

- **IARC Monographs**
  No

- **OSHA regulated**
  No

**Medical Conditions Generally Aggravated by Exposure**

Existing lung disease may be aggravated after exposure to fumes from molten material.

**Section IV**

**Emergency and First Aid Procedures**

- **Inhalation**
  If respiratory symptoms develop from exposure to fumes emitted by the molten material, move victim away from source of exposure and into fresh air. If symptoms persist, seek immediate medical attention.

- **Skin**
  For contact with molten material, leave material on skin and flush or immerse affected area with cold water. Seek medical attention.

- **Eye**
  Immediately flush eyes with large amounts of water for at least 15 minutes if material gets in eyes. Get medical attention if irritation persists. For contact with molten material, seek immediate medical attention.

- **Ingestion**
  First aid is not normally required for the solid material; however, if molten material is swallowed, seek immediate medical attention.
SECTION V
FIRE AND EXPLOSION HAZARD DATA

Flash Point: 400 Deg. F / 204 Deg. C
Flammable Class: Not regulated
LEL: Not applicable
UEL: Not applicable

Extinguishing Media: Dry Chemical, Foam, Water, Sand or Earth is recommended

Special Fire Fighting Procedures: Emergency Responders in the danger area should wear bunker gear and self-contained breathing apparatus for fires beyond the incipient state.

Unusual Fire and Explosion Hazards: None

SECTION VI
Accidental spill or release

For solid material, avoid drainage to unauthorized treatment facilities and natural waterways.

This material may burn, but will not readily ignite. Keep ignition sources away.

Sweep up and package appropriately for disposal.

SECTION VII
Precautions for Safe Handling and Use.

Waste Disposal

Waste material should be collected and disposed of in a sanitary landfill.

Precautions to be taken in Handling and Storage

Prevent contact with ignition sources.

SECTION VIII
Exposure Controls / Personal Protection

Respiratory: No respiratory protection is required when working with solid material.
If airborne concentrations of wax fumes, generated by molten wax, are expected, a NIOSH/MSHA approved air purifying respirator with a dust/mist fume filter may be used.

Skin: Not normally required for solid material.
Use impervious thermally-resistant gloves if there is a potential for exposure to molten material.

Eye: Not normally required for solid material.
safety glasses or goggles required if there is a potential for exposure to molten material.

NOTE: Personal protection information in section VIII is based on general information for normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

SECTION IX
PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: > 650 Deg. F / 343 Deg. C
Specific Gravity (H2O = 1): 0.96

Vapor Pressure (mm Hg): Not applicable
Melting Point: 145 Deg. F / 63 Deg. C

Vapor Density (AIR = 1): Not applicable
Odor: None when solid / slight when molten

Solubility in Water: Negligible
Volatility: Negligible

Appearance: White solid when solid / clear when molten
Flash point: 400 Deg. F / 204 Deg. C

SECTION X
REACTIVITY DATA

Stability: Stable

Conditions to Avoid: This material may burn, but will not ignite readily. Keep away from ignition sources.

SECTION XI
Toxicological Information

CIR has determined paraffin to be safe in concentrations up to 99% in cosmetics with direct skin contact.

Please refer to the CIR (Cosmetic Ingredient Review) review of fossil and synthetic waxes.

The CIR Expert Panel concluded that Paraffin waxes may have the potential for mild skin irritation.

SECTION XII
Ecological Information

This material is not classified as hazardous.
SECTION XIII
Disposal Considerations
This material is not considered to be "hazardous waste".

SECTION XIV
Transportation Information
This material is not classified as hazardous.

SECTION XV
Regulatory Information
This material has not been identified as a carcinogen by NTP, IARC or OSHA.
This material contains no chemicals listed under California’s Proposition 65.

SECTION XVI
Disclaimer
The information contained herein is believed to be accurate as of the date of issue.
No warranty of merchantability, fitness for any particular use or any other warranty is expressed or implied regarding the completeness of this information.

The information and material are provided on the condition that the purchaser shall make a determination as to the suitability of the material for his particular purpose and thus assumes the risk of use thereof.