

MATERIAL SAFETY DATA SHEET

This document has been prepared in accordance with the Occupational Safety and Health Administration OSHA Hazard Communication standard, 29 Code of Federal Regulations (CFR) 1910.1200 and American National Standard for Hazardous Industrial Chemicals, ANSI Z400.1- 1993, Material Safety Data Sheets -Preparations.

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

Hazardous Components	Cas No.	Estimated % by Wt.	OSHA PEL mg/m3 (8 Hr-TWA)
Paraffin	8002-74-2	99%	10 mg/m3 *
Alkoxysilane		< 1 %	Not Listed
Alkyl siloxane		< 1 %	Not Listed

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 UEL	Not applicable 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-resistive 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 (H ₂ O = 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.