

Safety Data Sheet

SECTION 1: Identification

Identifier Code(s):	TMSIRONCOAT
Product Name:	Medama Ironcoat - Part A
Manufactured For:	Medama Solutions 1365 61st Street Brooklyn, NY 11219 (718) 492-7200 E-mail: info@acejan.com
Product Use:	Institutional Floor Finish
Restrictions for Use:	Application and sale for Institutional/Commercial use only. Not for retail sale.
Emergency Contact Information	INFOTRAC 1-800-535-5053 Outside US and Canada 1-352-323-3500 NOTE: INFOTRAC and National Response Center emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals.

SECTION 2: Hazard(s) Identification

Hazard Classification:	Mixture
Hazard Category	5
Signal Word:	No signal word
Symbol(s) of Product:	No symbol(s)
Hazard Statement(s):	Not classified as a hazardous mixture
Precautionary Statement(s):	P280: Wear protective gloves/eye protection.
Mixture content percentage of unknown toxicity:	0%

SECTION 3: Composition / Information on Ingredient(s)

Hazardous Ingredients	CAS Number	Total % WT of Mixture	GHS Classification
Ethylene glycol monopropyl ether	2807-30-9	1.1	Flammable liquid Cat 3, Acute toxicity, Dermal Cat 4, Eye irritation Cat 2A

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified hazardous to health or the environment.

SECTION 4: First-Aid Measures

Description of First-Aid Measures

Move to safe area. Treat symptomatically. If you feel unwell, seek medical advise immediately. No action shall be taken involving any personal risk or without suitable training.

Inhalation

If signs of dizziness; remove the affected person to fresh air. If symptoms persist; seek medical attention.

Skin Contact	Remove contaminated clothing. Thoroughly flush and wash affected area with soap and water. Launder contaminated clothing before reuse. If irritation persists, seek medical attention. Wash affected clothing before reuse.
Eye Contact	Rinse eyes under running water immediately. Check for and remove contact lenses, if found. Continue to flush eyes under clean clear running water for 15 minutes while holding eyes open. Lift eyelids periodically when rinsing. If irritation persists, seek medical attention.
Ingestion	Rinse mouth out with water. Do not swallow rinse. Give two glasses of water for dilution. DO NOT induce vomiting. Never give anything by mouth to an unconscious person; seek medical attention.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in Section 2 and/or Section 11.

SECTION 5: Fire-Fighting Measures

Suitable Extinguishing Media	Use NFPA Class B Fire Extinguishers; carbon dioxide, all purpose dry chemical, water, water fog, or chemical foam; polymer foam is preferred for large fires. Product is not considered flammable or combustible by WHMIS/OSHA criteria.
Hazards Developed due to Fire	None known
Advice for Firefighters	Firefighters should wear self-contained breathing apparatus. Floor may become slippery if material is released, caution is advised.

SECTION 6: Accidental Release Measures

Personal Precautions and Protective Equipment	Use protective equipment; gloves, eye protection, and shoe covers.
Emergency Procedures	Protect area from further release of spread. This product does not pose any threat to area personnel.
Material Containment	Prevent further spread of product to surrounding area(s), including into drains.
Clean-up Procedures	Use absorbent materials to mop up spill. Allow product in absorbent materials to dry before disposal into standard trash. Do not dispose of liquid material into standard trash. Clean mop area with appropriate cleaning chemical after spill is removed.

SECTION 7: Handling and Storage

Precautions for Handling	Avoid contact with skin and eyes. Do not swallow. Handle container with care. When using do not eat or drink. Wash hands before eating, drinking, or smoking. See Section 2 for precautions.
Safe Storage	Do not store in extremely high temperatures, above 115°F (46°C). Do not store in area below 32°F (0°C). Keep out of the reach of children. Keep container tightly closed. Keep away from food, drink animal feeding stuffs. Protect containers from abuse.

SECTION 8: Exposure Controls / Personal Protection

Exposure Limits - Components with Workplace Control Parameters

Substance	Results	ACGIH	NIOSH	OSHA
None or No Parameters Established	STELs			
	TWAs			
	TLV			

Key to Abbreviations:

STEL= Short Term Exposure Limits based on 15-minute exposures

TWA= Time-Weighted Average based on 8h/day, 40h/week

ACGIH= American Conference of Government Industrial Hygiene

NIOSH= National Institute of Occupational Safety and Health

OSHA= Occupational Safety and Health Administration

TLV= Total Limit Volume

Engineering Controls

Handle and apply / use product in a work area that has positive and / or air flow. Avoid unventilated areas. Use fans when necessary.

Personal Protective Measures**Eye/Face Protection**

Use ANSI, NIOSH or European Standard EN166 approved safety glasses.

Skin Protection:

Impervious gloves recommended for general protection. Nitrile gloves are appropriate.

Respiratory Protection:

Not required

General Hygiene Considerations:

Handle according to established industrial hygiene and safety practices. Avoid contact with eyes and skin. Thoroughly wash after handling and before eating or drinking. There are no known hazards associated with this material when used as recommended.

SECTION 9: Physical and Chemical Properties

Physical State:	Liquid
Color:	Milky White
Viscosity:	Not Determined
Solubility:	Soluble in water
Specific Gravity:	1.02-1.03
Volume Solids (theoretical):	26% ± 1
Odor:	Mild
Odor Threshold:	Non-Determined
Vapor Pressure (mmHg):	Not Established
Vapor Density (Air=1)	Heavier than Air
pH :	7.7-8.5
Melting Point:	Not Determined
Freezing Point:	32F
Boiling Point and Range:	Not Established
Flashpoint:	Not Established
Evaporation Rate:	Not Established
Flammability (solid, gas):	Non-Flammable
Upper / Lower Flammability Rate:	Not Applicable
Auto-Ignition Temperature:	Not Applicable
Partition Coefficient (n-octanol/water):	Not Established
Decomposition Temperature:	Not Established
Volatile Organic Compounds g/l:	Not for Architectural application
Volatile Organic Compounds % :	1% or less, parts A & B combined. 1.1%, as packaged Part A

Architectural Rule 1113**Consumer Goods Regulations****SECTION 10: Stability and Reactivity**

Reactivity:	Not Reactive
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Chemical Stability:	Stable. No known instability under normal storage conditions.
Other:	
Hazardous Decomposition or By-Products	Decomposition will not occur if handled and stored properly. In case of a fire, carbon dioxide and carbon monoxide and smoke may be produced.
Possible Hazardous Reactions:	None Known
Conditions to avoid	Extreme temperatures will cause shortened shelf life of product.
Incompatible Materials	Non-water miscible substances.

SECTION 11: Toxicological Information

Acute Toxicity

Substance	LC50 - Inhalation	LD50 - ORAL	LD50 - DERMAL	Eye Irritation	Reproductive
Ethylene glycol monopropyl ether	Mouse - 7h 1530 ppm	Rat - Male 3089 mg/kg	Rabbit - male 1337 mg/kg		Rat-Inhalation - Developmental abnormalities / Mouse Oral - Stillbirth

Chronic Effects

Substance	Skin Corrosion / Irritation	Eye Irritation / Damage	Target Organs	Carcinogen or Potential
Ethylene glycol monopropyl ether	No skin irritation	Irritating to eyes	Respiratory - May cause irritation	None known

SECTION 12: Ecological Information

Aquatic and or Terrestrial Organism Tests Toxicity Tests

Substance	Test	Species	Results
Ethylene glycol monopropyl ether	Static LC50	Pimephales promelas	>5000 mg/l 96h
	Static LC50	Daphnia	>5000 mg/l 48h
	Static EC50	Pseudokirchneriella subcapitata	> 100 mg/l 72h

Persistence and Degradability - Biodegradability

Substance	Test	Type	Duration or Dose	Result	Sample
No data available					

Bioaccumulative Potential - According to data on the substances, not potentially Bioaccumulative

No data available

Potential to Move from Soil to Groundwater

No data available

Other Adverse Effects

Substance	Test	Type	Results	Sample Organism Tested	Reference for Ecological Effect
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No data available				
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Other Information:

This product is classified as: Harmful to organisms, may cause long-term adverse effects in the aquatic environment

SECTION 13: Disposal Considerations

All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Waste compliance with applicable laws are the responsibility solely of the waste generator. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Dispose of liquid surplus product via a licensed waste disposal contractor. Do not dispose of liquid product in landfill. See Section 8 for information on appropriate personal protective equipment.

SECTION 14: Transport Information

UN Number	Not Regulated
UN Proper Shipping Name	Not Regulated
Transport Hazards Class(es)	Non Hazardous for Shipping
Packaging Group	Not Regulated
IMDG Code (Environmental Hazards)	None

SECTION 15: Regulatory Information**US Federal Regulations**

OSHA Hazard Communication Standard (CFR29 1910.1200)	NOT Hazardous Chemical
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CERCLA - Comprehensive Response Compensation and Liability Act:	None
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California Proposition 65:	This product contains less than 0.01% of a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.
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TSCA - Toxic Substances Control Act:	All components of this product and on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30.
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USA - Clean Air Act**Superfund Amendments and Reauthorization Act of 1986 Title III**

SARA Section	313	302	311/312
Ethylene glycol monopropyl ether	None known to exceed threshold	Non of mixture are subject to reporting	Fire Hazard, Acute Health Hazard, Chronic Health Hazard

State Right-to-Know:

Substance	Massachusetts	California Prop 65	New Jersey	Pennsylvania	Rhode Island
Ethylene glycol monopropyl ether	No	No	Yes	Yes	No

SECTION 16: Other Information

Date of Original	7.11.18
Revision Date	New
Reason for Revision	Formulation changes

Notice to the Reader

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third party/persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.