

## SAFETY DATA SHEET

### Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: Mer-Ko Topcoat - Iron

Product Code: 10-MK40-M1012

#### WESTCOAT SPECIALITY COATING SYSTEMS

4007 Lockridge St  
San Diego, CA 92102

Information Telephone: 844-537-7203

Emergency Telephone: 800-424-9300

### Section 2 - HAZARDS IDENTIFICATION

#### GHS Ratings:

There are no GHS ratings that apply to this product at this time

#### GHS Hazards

H317 May cause an allergic skin reaction

#### GHS Precautions

P261 Avoid breathing dust/fume/gas/mist/vapours/spray  
P280 Wear protective gloves/protective clothing/eye protection/face protection  
P363 Wash contaminated clothing before reuse  
P302+P352 IF ON SKIN: Wash with soap and water  
P333+P313 If skin irritation or a rash occurs: Get medical advice/attention

#### Signal Word: Warning



### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
Nepheline syenite	37244-96-5	10.00% - 20.00%
Titanium dioxide	13463-67-7	1.00% - 5.00%
2,2,4-Trimethylpentane-1,3-diol monoisobutyrate	25265-77-4	1.00% - 5.00%
Distillates, petroleum, solvent-refined heavy paraffinic	64741-88-4	0.10% - 1.00%

### Section 4 - FIRST AID MEASURES

#### First aid measures for different exposure routes

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation.

EYE CONTACT: Immediately flush eyes with plenty of water for least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

SKIN CONTACT: Remove contaminated clothing. Wash skin with soap and water. Get medical attention if irritation develops or persists.

INGESTION: If swallowed, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cups full of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively.

Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention.

### Section 5 - FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, and Water Fog.

UNUSUAL FIRE AND EXPLOSION HAZARDS: No unusual fire or explosion hazards noted. Keep containers tightly closed.

SPECIAL FIREFIGHTING PROCEDURES: Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred.

### Section 6 - ACCIDENTAL RELEASE MEASURES

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

FOR NON-EMERGENCY PERSONNEL: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

FOR EMERGENCY RESPONDERS: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

### Section 7 - HANDLING AND STORAGE

PRECAUTION FOR SAFE HANDLING: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

CONDITIONS FOR SAFE STORAGE: Keep from freezing. Store in a dry, well ventilated place. Keep container tightly closed when not in use.

### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
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Nepheline syenite 37244-96-5	Not Established	Not Established	Not Established
Titanium dioxide 13463-67-7	15 mg/m3 TWA (total dust)	10 mg/m3 TWA	Not Established
2,2,4-Trimethylpentane-1,3- diol monoisobutyrate 25265-77-4	Not Established	Not Established	Not Established
Distillates, petroleum, solvent-refined heavy paraffinic 64741-88-4	Not Established	Not Established	Not Established

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

**ENGINEERING CONTROLS:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**SKIN PROTECTION:** Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

**EYE PROTECTION:** Use safety eyewear designed to protect against splash of liquids.

**OTHER PROTECTIVE EQUIPMENT:** Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application. Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

**HYGIENIC PRACTICES:** Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

**Section 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<p><b>Appearance</b> Opaque liquid</p> <p><b>Odor threshold</b> : N/A</p> <p><b>Melting point</b> : N/A</p> <p><b>Flash Pt(F/C)</b> : 248°F,120°C</p> <p><b>Flammability (solid, gas)</b> : N/A</p> <p><b>Vapor pressure</b> : N/A</p> <p><b>Relative density</b> : 1.20</p> <p><b>Partition coefficient:n- octanol/water</b> :</p> <p><b>Decomposition temp</b> : N/A</p>	<p><b>Odor</b> : Slight mild ethereal</p> <p><b>PH</b> : N/A</p> <p><b>Boiling point</b> : 100°C</p> <p><b>Evaporation rate</b> : Slower than Diethyl Ether</p> <p><b>LEL/UEL</b> : N/A</p> <p><b>Vapor density</b> : 3.5</p> <p><b>Solubility</b> : Dilutable</p> <p><b>Autoignition temp</b> : 393°C</p> <p><b>Viscosity</b> : N/A</p>
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**Section 10 - STABILITY AND REACTIVITY**

CONDITIONS TO AVOID: Avoid contact with strong acid and strong bases.

HAZARDOUS DECOMPOSITION: By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

INCOMPATIBILITY: Incompatible with strong oxidizing agents, strong acids and strong alkalis.

## Section 11 - TOXICOLOGICAL INFORMATION

### Mixture Toxicity

#### Component Toxicity

25265-77-4	2,2,4-Trimethylpentane-1,3-diol monoisobutyrate Oral LD50: 3,200 mg/kg (Rat)
64741-88-4	Distillates, petroleum, solvent-refined heavy paraffinic Inhalation LC50: 2 mg/L (Rat)

### Effects of Overexposure

EYE CONTACT: Causes eye irritation. Irritating, and may injure eye tissue if not removed promptly.

SKIN CONTACT: Substance may cause slight skin irritation. Low hazard for usual industrial handling or commercial handling by trained personnel.

INHALATION: Low hazard for usual industrial handling or commercial handling by trained personnel. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist.

INGESTION: Substance may be harmful if swallowed.

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact.

## Section 12 - ECOLOGICAL INFORMATION

### Component Ecotoxicity

2,2,4-Trimethylpentane-1,3-diol monoisobutyrate	96 Hr LC50 Pimephales promelas: 30 mg/L 72 Hr EC50 Pseudokirchneriella subcapitata: 18.4 mg/L
Distillates, petroleum, solvent-refined heavy paraffinic	96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 48 Hr EC50 Daphnia magna: >1000 mg/L

## Section 13 - DISPOSAL CONSIDERATIONS

DISPOSAL INFORMATION: Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow to entering waterways, wastewater, soil, storm drains or sewer systems.

**Section 14 - TRANSPORT INFORMATION**

This material is classified for transport as follows:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Non-Regulated Material			

**Section 15 - REGULATORY INFORMATION**

**State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):** WARNING!

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

- None

**CERCLA-SARA Hazard Category:** This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

- None

**Sara Section 313:** This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

- None

**Section 16 - OTHER INFORMATION**

**Hazardous Material Information System (HMIS)**

<b>HEALTH</b>	<input type="text" value="1"/>	<b>HMIS &amp; NFPA Hazard Rating</b>
<b>FLAMMABILITY</b>	<input type="text" value="0"/>	<b>Legend</b>
<b>PHYSICAL HAZARD</b>	<input type="text" value="0"/>	* = Chronic Health Hazard
<b>PERSONAL PROTECTION</b>	<input type="text" value="B"/>	<b>0 = INSIGNIFICANT</b>
		<b>1 = SLIGHT</b>
		<b>2 = MODERATE</b>
		<b>3 = HIGH</b>

Westcoat Specialty Coating Systems believes, to the best of its knowledge, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. Westcoat Specialty Coating Systems makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.

Date Prepared: 6/19/2023