



Safety Data Sheet

1. Identification

| | |
|------------------------------------|--|
| Product Information. | 1160400 |
| Product Name: | Hydrocoat Eco Copper Free Multi-Season Ablative Paint - 1604 Red |
| Recommended Use. | Paints |
| Uses advised against. | Read label instructions and SDS |
| Supplier. | Kop-Coat, Inc. / Pettit Marine Paint Marine Group 36 Pine Street Rockaway, NJ 07866 1-800-221-4466 |
| Emergency telephone number. | Chemtrec: +1-800-424-9300 USA Chemtrec: +1 703-527-3887 ex-USA 24 hrs./day, 7 days/week |

2. Hazards Identification

GHS Classification in accordance with 29 CFR 1910.1200

Acute Tox. 4 Oral

GHS Pictograms



Signal Word

Warning

Unknown Acute Toxicity

1.4% of the mixture consists of ingredient(s) of unknown acute toxicity

HAZARD STATEMENTS

Harmful if swallowed.

Precautionary Statements - Prevention.

Wash face and hands and any exposed skin thoroughly after handling.

Do not eat, drink or smoke when using this product.

Precautionary Statements - Response.

If swallowed: Call a poison center/doctor if you feel unwell.

Rinse mouth.

Precautionary Statements - Disposal.

Dispose of contents in accordance with local/regional/national/international regulations.

3. Composition/Information on Ingredients

| <u>Chemical Name</u> | <u>CAS-No.</u> | <u>Wt. %</u> |
|---|----------------|--------------|
| Barium Sulfate | 7727-43-7 | 10-25 |
| Iron oxide | 1309-37-1 | 10-25 |
| Zinc oxide | 1314-13-2 | 2.5-10 |
| Calcined Kaolin | 92704-41-1 | 2.5-10 |
| Tralopyril | 122454-29-9 | 2.5-10 |
| Zinc, bis[1-(hydroxy-kO)-2(1H)-pyridinethionato-kS2]-, (T-4)- | 13463-41-7 | 2.5-10 |
| Tripropylene glycol monomethyl ether | 25498-49-1 | 1.0-2.5 |
| POLYTETRAFLUOROETHYLENE | 9002-84-0 | 1.0-2.5 |

The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid Measures

Description of first-aid measures.

General advice.

Move victim to a safe isolated area. When symptoms persist or in all cases of doubt seek medical advice. Call a poison control center or doctor for treatment advice.

Inhalation.

Move to fresh air. Apply artificial respiration if victim is not breathing. Call a poison control center or doctor for treatment advice.

Skin contact.

Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. Remove and wash contaminated clothing before re-use. Call a poison control center or doctor for treatment advice.

Eye contact.

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Call a poison control center or doctor for treatment advice.

Ingestion.

Do not induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. If swallowed, call a poison control center or doctor immediately.

Symptoms.

See Section 2 and Section 11, Toxicological effects for description of potential symptoms.

Notes to physician.

Treat symptomatically.

5. Fire-fighting Measures

Extinguishing media.

Suitable extinguishing media.

Use: Dry powder. Alcohol-resistant foam. Carbon dioxide (CO₂).

Extinguishing media which shall not be used for safety reasons.

Water may be unsuitable for extinguishing fires.

Special hazards arising from the substance or mixture.

No information available.

Advice for firefighters.

Evacuate personnel to safe areas. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures.

Personal precautions.

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. All equipment used when handling the product must be grounded. Wear protective gloves/clothing and eye/face protection. Do not breathe vapors or spray mist. Avoid exceeding of the given occupational exposure limits (see section 8). Thoroughly decontaminate all protective equipment after use.

Advice for emergency responders.

Refer to protective measures listed in sections 7 and 8. Use personal protection recommended in Section 8.

Environmental precautions.

Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological information.

Methods and materials for containment and cleaning up.

Methods for Containment.

Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. Ground and bond containers when transferring material. Take precautionary measures against static discharges. Use personal protective equipment.

Methods for cleaning up.

Prevent further leakage or spillage if safe to do so. All equipment used when handling the product must be grounded. Ventilate the area. Use personal protective equipment as required. Clean contaminated objects and areas thoroughly while observing environmental regulations. Never return spills in original containers for re-use.

Reference to other sections.

See section 8 for more information.

7. Handling and Storage

Conditions for safe storage, including any incompatibilities.

Advice on safe handling.

Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. Take precautionary measures against static discharges. Do not breathe vapors or spray mist. Use according to package label instructions. Ground and bond containers when transferring material. All equipment used when handling the product must be grounded.

Hygiene measures.

Handle in accordance with good industrial hygiene and safety practice for diagnostics. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Storage Conditions.

Keep container closed when not in use. Keep in properly labeled containers. Keep containers tightly closed in a dry, cool and well-ventilated place. Store in accordance with local regulations. Keep from freezing. Keep away from food, drink and animal feedingstuffs.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

| <u>Chemical Name</u> | <u>ACGIH TLV-TWA</u> | <u>ACGIH-TLV STEL</u> | <u>OSHA PEL-TWA</u> | <u>OSHA PEL-CEILING</u> |
|----------------------|----------------------|-----------------------|----------------------|-------------------------|
| Barium Sulfate | 5 mg/m ³ | N.E. | 15 mg/m ³ | N.E. |
| Iron oxide | 5 mg/m ³ | N.E. | 10 mg/m ³ | N.E. |
| Zinc oxide | 2 mg/m ³ | 10 mg/m ³ | 5 mg/m ³ | N.E. |

TLV = Threshold Limit Value TWA = Time Weighted Average PEL = Permissible Exposure Limit STEL = Short-Term Exposure Limit N.E. = Not Established

Engineering Measures.

Ensure adequate ventilation, especially in confined areas. Apply technical measures to comply with the occupational exposure limits.

Personal protective equipment.**Eye/Face Protection.**

If splashes are likely to occur, wear: Safety glasses with side-shields. Tightly fitting safety goggles.

Skin and body protection.

Use: Protective shoes or boots. Wear impervious gloves and/or clothing if needed to prevent contact with the material. Gloves must be inspected prior to use. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. Remove and wash contaminated clothing before re-use.

Respiratory protection.

In case of inadequate ventilation wear respiratory protection. If exposure limits are exceeded or irritation is experienced, respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

9. Physical and chemical properties.**Information on basic physical and chemical properties.**

| | |
|--|--------------------------|
| Physical state | Liquid |
| Appearance | No Information |
| Color | Red |
| Odor | Hydrocarbon-like |
| Odor Threshold | No Information |
| pH | 7.0-9.0 |
| Melting/freezing point., °C (°F) | No Information |
| Flash Point., °C (°F) | 86 (186.80) |
| Boiling point/boiling range., °C (°F) | 100 - 2,230 (212 - 4046) |
| Evaporation rate | No Information Available |
| Explosive properties. | No Information |
| Vapor pressure. | No Information |
| Vapor density. | No Information |
| Specific Gravity. (g/cm ³) | 1.682 |
| Water solubility. | No Information |
| Partition coefficient. | No Information |
| Autoignition temperature., °C | No Information |
| Decomposition Temperature °C. | No Information |
| Viscosity, kinematic. | > 22 mm ² /s |

Other information.

| | |
|---|----------------|
| Volatile organic compounds (VOC) content. | No Information |
| Density, lb/gal | 14.005 |

10. Stability and Reactivity**Reactivity.**

Stable under normal conditions.

Chemical stability.

Stable under recommended storage conditions.

Possibility of hazardous reactions.

None known based on information supplied.

Conditions to Avoid.

None known.

Incompatible Materials.

None known based on information supplied.

Hazardous Decomposition Products.

None known.

11. Toxicological Information**Information on toxicological effects.****Acute toxicity.****Product Information**

No Information

The following values are calculated based on chapter 3.1 of the GHS document.

| | |
|-----------------|---------------|
| ATEmix (oral) | 435.8 mg/kg |
| ATEmix (dermal) | 2,061.5 mg/kg |

Component Information.

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>LD50 Oral</u> | <u>LD50 Dermal</u> | <u>LC50 Inhalation</u> |
|----------------|---|------------------|--------------------|------------------------|
| 1314-13-2 | Zinc oxide | >5000 mg/kg Rat | N.I. | N.I. |
| 122454-29-9 | Tralopyril | 27 mg/kg Rat | N.I. | N.I. |
| 13463-41-7 | Zinc, bis[1-(hydroxy-kO)-2(1H)-pyridinethionato-kS2]-, (T-4)- | 177 mg/kg Rat | 100 mg/kg Rabbit | N.I. |

N.I. = No Information

Skin corrosion/irritation.

SKIN IRRITANT.

Eye damage/irritation.

No Information

Respiratory or skin sensitization.

No Information

Ingestion.

No Information

Germ cell mutagenicity.

No Information

Carcinogenicity.

No Information

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>IARC</u> | <u>NTP</u> | <u>OSHA</u> |
|----------------|-------------------------|--------------|------------|-------------|
| 1309-37-1 | Iron oxide | IARC Group 3 | - | - |
| 9002-84-0 | POLYTETRAFLUOROETHYLENE | IARC Group 3 | - | - |

Reproductive toxicity.

No Information

Specific target organ systemic toxicity (single exposure).

No Information

Specific target organ systemic toxicity (repeated exposure).

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard.

No Information

Primary Route(s) of Entry

No Information

12. Ecological Information**Toxicity.**

29.61% of the mixture consists of ingredient(s) of unknown aquatic toxicity

Ecotoxicity effects.

| Chemical Name | Toxicity to algae | Toxicity to fish | Toxicity to daphnia and other aquatic invertebrates |
|--|---|--|---|
| Iron oxide 1309-37-1 | - | LC50 96 h Danio rerio 100000 mg/L | - |
| Zinc oxide 1314-13-2 | - | LC50 96 h Danio rerio 1.55 mg/L | - |
| Calcined Kaolin 92704-41-1 | EC50 72 h Desmodesmus subspicatus >100 mg/L | LC50 96 h Oncorhynchus mykiss >100 mg/L | EC50 48 h Daphnia magna >1 mg/L |
| Tripropylene glycol monomethyl ether 25498-49-1 | - | LC50 96 h Pimephales promelas 11619 mg/L | EC50 48 h Daphnia magna >10 mg/L |

Persistence and degradability.

No data are available on the product itself.

Bioaccumulative potential.

Discharge into the environment must be avoided.

Mobility in soil.

No information

Other adverse effects.

No information

13. Disposal Considerations**Waste Disposal Guidance.**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes can not be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. Disposal should be in accordance with applicable regional, national and local laws and regulations.

Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport Information**DOT** No Information**Additional Information:** Not regulated**IMDG** No Information**IATA** No Information

15. Regulatory Information

International Inventories:

| | |
|---------------|----------|
| TSCA | Complies |
| DSL | - |
| DSL/NDSL | - |
| EINECS/ELINCS | - |
| ENCS | - |
| IECSC | - |
| KECI | - |
| PICCS | - |
| AICS | - |
| NZIoC | - |

TCSI

| | |
|---------------|---|
| TSCA | United States Toxic Substances Control Act Section 8(b) Inventory. |
| DSL | Canadian Domestic Substances List. |
| DSL/NDSL | Canadian Domestic Substances List/Canadian Non-Domestic Substances List |
| EINECS/ELINCS | European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances. |
| ENCS | Japan Existing and New Chemical Substances. |
| IECSC | China Inventory of Existing Chemical Substances. |
| KECL | Korean Existing and Evaluated Chemical Substances. |
| PICCS | Philippines Inventory of Chemicals and Chemical Substances. |
| AICS | Australian Inventory of Chemical Substances. |
| NZIoC | New Zealand Inventory of Chemicals. |
| TCSI | Taiwan Chemical Substance Inventory |

U.S. Federal Regulations:

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: .

This product does not contain any chemicals that are subject to the reporting requirements of SARA 313.

TOXIC SUBSTANCES CONTROL ACT 12(b):

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:.

This product does not contain any chemicals that are subject to the reporting requirements of TSCA 12(b).

U.S. EPA PESTICIDE INFORMATION

EPA Pesticide Registration Number: 60061-137

EPA STATEMENT: This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

EPA PESTICIDE LABEL: DANGER. Causes substantial but temporary eye injury. Causes skin irritation. May pose an aspiration pneumonia hazard.

CALIFORNIA PROPOSITION 65 CARCINOGENS



WARNING

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:.

Chemical Name

CAS-No.

Crystalline silica (Quartz) (Respirable)

14808-60-7

Lead

7439-92-1

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS**WARNING**

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

Chemical Name

Lead

CAS-No.

7439-92-1

16. Other Information

Revision Date: 2/27/2020 **Supersedes Date:** 9/20/2019

Reason for revision: Revision Description Changed
 Product Composition Changed
 Substance and/or Product Properties Changed in Section(s):
 09 - Physical & Chemical Information
 11 - Toxicological Information
 14 - Transportation Information
 16 - Other Information
 Revision Statement(s) Changed

Datasheet produced by: Regulatory Department

HMIS Ratings:

| | | | | | | | |
|----------------|----|----------------------|---|-------------------------|---|-----------------------------|---|
| Health: | 2* | Flammability: | 1 | Physical Hazard: | 0 | Personal Protection: | X |
|----------------|----|----------------------|---|-------------------------|---|-----------------------------|---|

NFPA Ratings:

| | | | | | | | |
|----------------|---|----------------------|---|---------------------|---|---------------------------------|----|
| Health: | 2 | Flammability: | 1 | Instability: | 0 | Physical & Chemical: | -- |
|----------------|---|----------------------|---|---------------------|---|---------------------------------|----|

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.