



Safety Data Sheet

1. Identification

Product Information	1164000
Product Name:	Hydrocoat Ablative Antifouling Paint 1640 Red
Recommended Use	Surface Preparation or Protection
Uses advised against	Read label instructions and SDS
Supplier	Modern Recreational Technologies, Inc. 2220 Highway 70 SE., Suite 100 Hickory, NC 28602 800-728-8258
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 Inhalation, Acute Tox. 4 Oral, Eye Dam. 1

GHS Pictograms



Signal Word

Danger

Unknown Acute Toxicity

< 0.1% of the mixture consists of ingredient(s) of unknown acute toxicity

HAZARD STATEMENTS

Harmful if swallowed.

Causes serious eye damage.

Harmful if inhaled.

Precautionary Statements - Prevention.

Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

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

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

Use only outdoors or in a well-ventilated area.

Wear eye protection/ face protection.

Precautionary Statements - Response.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor/physician.

Rinse mouth.

3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>
Cuprous Oxide	1317-39-1	25-50
iron oxide	1309-37-1	2.5-10
texanol	25265-77-4	0.1-1.0
Cupric Oxide	1317-38-0	0.1-1.0
copper	7440-50-8	0.1-1.0
crystalline silica	14808-60-7	0.1-1.0

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

No Information

Notes to physician

Treat symptomatically.

5. Fire-fighting Measures

Extinguishing media

Suitable extinguishing media

No Information

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.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions

No Information

Advice for emergency responders

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. . 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

Never return spills in original containers for re-use. 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.

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>
Contains no substances with occupational exposure limit values.				

Contains no substances with occupational exposure limit values.

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: Gloves must be inspected prior to use. Wear impervious gloves and/or clothing if needed to prevent contact with the material. Protective shoes or boots. Remove and wash contaminated clothing before re-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.

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	No Information
Appearance	No Information
Color	No Information
Odor	slightly aromatic
Odor Threshold	No Information
pH	8
Melting/freezing point, °C (°F)	No Information
Flash Point, °C (°F)	99 (210.20)
Boiling point/boiling range, °C (°F)	>100 (>212)
Evaporation rate	Faster than Diethyl Ether
Explosive properties	No Information
Vapor pressure	Not determined
Vapor density	No Information
Specific Gravity (g/cm ³)	2.185
Water solubility	Negligible
Partition coefficient	Not Determined
Autoignition temperature, °C	No Information
Decomposition Temperature °C	No Information
Viscosity, kinematic	> 22 mm ² /s

Other information

Volatile organic compounds (VOC) content	41 g/L
Density, lb/gal	18.230

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) 1,138.5 mg/kg

ATEmix (dermal) 4,844.8 mg/kg

ATEmix (inhalation - dust/mist) 3.63 mg/l

Component Information

CAS-No.	Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
1317-39-1	Cuprous Oxide	470 mg/kg Rat	>2000 mg/kg Rat	N.I.
1309-37-1	iron oxide	>10000 mg/kg Rat	>5000 mg/kg Rat	>5 mg/l (Dust)
25265-77-4	texanol	3200 mg/kg Rat	>15200 mg/kg Rat	>3.55 mg/L Rat (Vapor)
1317-38-0	Cupric Oxide	N.I.	>2000 mg/kg Rat	N.I.
7440-50-8	copper	>5000 mg/kg Rat	>2000 mg/kg	>5 mg/l (Dust)
14808-60-7	crystalline silica	>5000 mg/kg	>5000 mg/kg	>5 mg/l (Dust)

N.I. = No Information

Skin corrosion/irritation.

No Information

Eye damage/irritation.

No Information

Respiratory or skin sensitization

No Information

Ingestion.

No Information

Germ cell mutagenicity.

No Information

Carcinogenicity.

No Information

Reproductive toxicity.

No Information

Specific target organ systemic toxicity (single exposure).

No Information

Specific target organ systemic toxicity (repeated exposure).

No Information

Aspiration hazard.

No Information

Primary Route(s) of Entry

No Information

12. Ecological Information

Toxicity

0.56% of the mixture consists of ingredient(s) of unknown aquatic toxicity

Ecotoxicity effects

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. Empty containers should be taken to an approved waste handling site for recycling or disposal. Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. Transport Information**DOT**

No Information

Additional Information: Not regulated. A liquid with a flashpoint above 200° F (93° C) is not regulated as a hazardous material.

IMDG

Proper Shipping Name: Environmentally Hazardous Substance, liquid, n.o.s (Cuprous Oxide)
Hazard Class: 9
UN Number: 3082
Packing Group: III
Additional Information: May be reclassified as limited quantity for inner packagings under 5.0L (1.3 Gal) each.

IATA

Proper Shipping Name: UN3082, Environmentally Hazardous Substance, liquid, n.o.s (Cuprous Oxide)
Hazard Class: 9
Packing Group: III
Additional Information: May be reclassified as Non-regulated per IATA Special Provision A197 for inner packagings under 5.0L (1.3 gallons) each.

15. Regulatory Information**International Inventories:**

TSCA	Complies
DSL	-
DSL/NDSL	-
EINECS/ELINCS	-
ENCS	-
IECSC	-
KECI	-
PICCS	-
AIIC	-
NZIoC	-
TCSI	

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory
DSL	Canadian Domestic Substances List
DSL/NDL	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
AIC	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 does not contain any chemicals that are subject to the reporting requirements of SARA 313.

TOXIC SUBSTANCES CONTROL ACT 12(b):

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: 60061-87

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

EPA PESTICIDE LABEL: WARNING. Causes eye irritation. Harmful if absorbed through the skin. May be fatal if swallowed or inhaled.

ADDITIONAL INFORMATION

Additional Information - Sxn 15: No Information

CALIFORNIA PROPOSITION 65 CARCINOGENS



WARNING

No Information

Chemical Name

crystalline silica
formaldehyde
vinyl chloride
ethylbenzene
1,4-dioxane
propylene oxide
ethylene oxide
cumene
acetaldehyde
benzene

CAS-No.

14808-60-7
50-00-0
75-01-4
100-41-4
123-91-1
75-56-9
75-21-8
98-82-8
75-07-0
71-43-2

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS



WARNING

No Information

Chemical Name

ethylene oxide
toluene
methanol
methyl chloride
benzene

CAS-No.

75-21-8
108-88-3
67-56-1
74-87-3
71-43-2

NOTICE

Constituents of this product may include crystalline silica which, if inhalable, may cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in

16. Other Information

Revision Date: 5/30/2025 **Supersedes Date:** New SDS

Reason for revision: No Information

Datasheet produced by: Regulatory Department

HMIS Ratings:

Health:	2*	Flammability:	1	Physical Hazard:	0	Personal Protection:	H
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NFPA Ratings:

Health:	2	Flammability:	1	Instability:	0	Physical & Chemical:	--
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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 a
The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.