

1. Identification

Product Information:	3531SP4000
Product Name:	SEAJET 031 SAMURAI GREEN
Recommended Use:	ANTI-FOULING PAINT
Supplied by:	CMP Coatings, Inc. 1610 Engineers Rd. Belle Chasse, LA 70037
Emergency Telephone:	Chemtrec 24 Hour Emergency Hotline: 800-424-9300
Safety Data Sheet Coordinator:	SDS@cmpusa.com

2. Hazards Identification

EMERGENCY OVERVIEW: FLAMMABLE liquid and vapor. COMBUSTIBLE liquid and vapor. Eye irritant.

GHS Classification

Acute Tox. 4 Inhalation, Acute Tox. 4 Oral, Carc. 2, Eye Irrit. 2A, Flam. Liq. 3, Resp. Sens. 1, Skin Irrit. 2, Skin Sens. 1

Symbol(s) of Product



Signal Word

Danger

Possible Hazards

66% of the mixture consists of ingredients of unknown acute toxicity

GHS HAZARD STATEMENTS

Acute Toxicity, Inhalation, category 4	H332	Harmful if inhaled.
Acute Toxicity, Oral, category 4	H302	Harmful if swallowed.
Carcinogenicity, category 2	H351	Suspected of causing cancer. Classified as Category 2 based on limited evidence on human and/or animal studies. Mixtures with concentrations of suspected carcinogens ingredients at concentration present between 0.1% and 1.0% labelling the SDS will be optional depending on authorities. If Category 2 carcinogenic present at a concentration of 1% or above labelling the SDS will be expected. Routes of exposure are dependant on ingredient form.
Eye Irritation, category 2A	H319	Causes serious eye irritation.
Flammable Liquid, category 3	H226	Flammable liquid and vapour.
Respiratory Sensitizer, category 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin Irritation, category 2	H315	Causes skin irritation.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.

GHS LABEL PRECAUTIONARY STATEMENTS

P201	Obtain special instructions before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P281	Use personal protective equipment as required.

P285	In case of inadequate ventilation wear respiratory protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
P362	Take off contaminated clothing.

GHS SDS PRECAUTIONARY STATEMENTS

P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../ equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P270	Do not eat, drink or smoke when using this product.
P363	Wash contaminated clothing before reuse.

3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
COPPER(I) OXIDE	1317-39-1	25-50	GHS07	H302
XYLENE MIXTURE OF ISOMERS	1330-20-7	10-25	GHS02-GHS07	H226-312-315-332
GUM ROSIN	8050-09-7	2.5-10	GHS07-GHS08	H302-315-317-319-334
BENZENE, 1-CHLORO-4 (TRIFLUOROMETHYL)	98-56-6	2.5-10	GHS07-GHS08	H336-373
TERT-BUTYL ACETATE	540-88-5	2.5-10	No Information	No Information
ZINC OXIDE	1314-13-2	2.5-10	No Information	No Information
PROPRIETARY RESIN	TRADE SECRET	2.5-10	No Information	No Information
COPPER-PHTHALOCYANINE PIGMENT	1328-53-6	1.0-2.5	No Information	No Information
2-BUTOXYETHANOL	111-76-2	1.0-2.5	GHS06	H302-311-319
ETHANOL, 2-BUTOXY-, 1,1',1"-PHOSPHATE	78-51-3	1.0-2.5	GHS07	H312-315-319-332-335
ETHYL BENZENE	100-41-4	1.0-2.5	GHS07-GHS08	H304-332-351-373
TITANIUM DIOXIDE	13463-67-7	0.1-1.0	No Information	No Information
BISPHENOL A (EPICHLOROHYDRIN) EPOXY RESIN	25068-38-6	0.1-1.0	GHS07	H315-317-319-335

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

4. First-aid Measures

FIRST AID - INHALATION: If inhaled, remove to fresh air. Administer oxygen if necessary. Consult a physician if symptoms persist or exposure was severe.

FIRST AID - SKIN CONTACT: In case of contact, wash skin immediately with soap and water. Launder clothing before reuse. Destroy contaminated leather articles.

FIRST AID - EYE CONTACT: If material gets into eyes, flush with water immediately for 15 minutes. Consult a physician.

FIRST AID - INGESTION: If ingested, DO NOT induce vomiting. If conscious, drink 8-10 oz. of water promptly. Call a physician immediately.

5. Fire-fighting Measures

UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable liquid. Vapors can form an ignitable mixture with air. Vapors can flow along surfaces to a distant ignition source and flash back.

SPECIAL FIREFIGHTING PROCEDURES: Use a self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive pressure mode. Flammable. Cool fire-exposed containers using water spray.

EXTINGUISHING MEDIA: Alcohol Foam, Carbon Dioxide, Dry Chemical, Foam, Water Fog

6. Accidental Release Measures

ENVIRONMENTAL PRECAUTIONS: Contain any spills immediately and dike area to prevent spreading. Package material and dispose of as hazardous waste.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dike to prevent entering any sewer or waterway. Transfer liquid to a holding container. Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state, and federal regulations. Do not incinerate closed containers. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Ventilate area, isolate spilled material, and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations.

7. Handling and Storage



HANDLING: Flammable liquid. Avoid heat, sparks and open flames. Avoid breathing vapor and contact with eyes, skin and clothing. Hazardous residue may remain in emptied container. Do not reuse empty containers without commercial cleaning or reconditioning. Material will accumulate static charges which may cause an electrical spark (ignition source). Use proper grounding procedures.

STORAGE: Keep container closed when not in use.

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>
COPPER(I) OXIDE	N.E.	N.E.	N.E.	N.E.
XYLENE MIXTURE OF ISOMERS	100 ppm	150 ppm	100 ppm	N.E.
GUM ROSIN	N.E.	N.E.	N.E.	N.E.
BENZENE, 1-CHLORO-4 (TRIFLUOROMETHYL)	N.E.	N.E.	N.E.	N.E.
TERT-BUTYL ACETATE	200 ppm	N.E.	200 ppm	N.E.
ZINC OXIDE	N.E.	N.E.	5 mg/m ³ (dust; respirable)	N.E.
PROPRIETARY RESIN	N.E.	N.E.	N.E.	N.E.
COPPER-PHTHALOCYANINE PIGMENT	0.2 mg/m ³ (Cu)	N.E.	N.E.	N.E.
2-BUTOXYETHANOL	20 ppm	N.E.	50 ppm	N.E.
ETHANOL, 2-BUTOXY-, 1,1',1"- PHOSPHATE	N.E.	N.E.	N.E.	N.E.
ETHYL BENZENE	20 ppm	125 ppm	100 ppm	N.E.
TITANIUM DIOXIDE	10 mg/m ³	N.E.	15 mg/m ³	N.E.
BISPHENOL A (EPICHLOROHYDRIN)	N.E.	N.E.	N.E.	N.E.
EPOXY RESIN				

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation
Sk = Skin Sensitizer N.E. = Not Established

Personal Protection



RESPIRATORY PROTECTION: Respirator use is not expected to be necessary under normal conditions of handling. In emergency situations, use of a NIOSH-approved respirator may be required. When concentrations exceed the exposure limits specified, use of a NIOSH-approved dust, mist and fume respirator is recommended. Where the protection factor of the respirator may be exceeded, use of a full facepiece, supplied air, or Self Contained Breathing Apparatus (SCBA) may be necessary.



SKIN PROTECTION: Chemical-resistant gloves may be required for individuals with sensitive skin.



EYE PROTECTION: Ensure that eyewash stations and safety showers are close to the workstation location. Chemical resistant goggles must be worn.



OTHER PROTECTIVE EQUIPMENT: Use personal protective equipment as necessary. Safety shower and eyewash station should be located in immediate work area.



HYGIENIC PRACTICES: Contaminated clothing should be changed and washed before reuse. Eating, drinking and smoking in immediate work area should be prohibited. Keep away from food, drink and animal feeding stuffs.

9. Physical and Chemical Properties

Appearance:	Paint	Physical State:	Liquid
Odor:	Solvent	Odor Threshold:	Not Established
Density, g/cm³:	1.731	pH:	Not Applicable
Freeze Point, °F:	No Information	Viscosity:	No Information
Solubility in Water:	Insoluble	Partition Coefficient, n-octanol/water:	Not Measured
Decomposition temperature, °F	Not Measured		
Boiling Range, °F:	279 - 500	Explosive Limits, %:	0.9 - 10.5
Combustibility:	Supports Combustion	Flash Point, °F:	84
Evaporation Rate:	Slower than Diethyl Ether	Auto-Ignition Temperature, °F	Not Measured
Vapor Density:	Heavier than Air	Vapor Pressure, mmHg:	Not Measured

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

STABILITY: Stable under recommended storage conditions.

CONDITIONS TO AVOID: Heat, flames and sparks. Extremes of temperature and direct sunlight.

INCOMPATIBILITY: Keep away from strong oxidizing agents, heat and open flames.

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion may produce carbon monoxide and other toxic gases.

11. Toxicological Information



Practical Experiences

EFFECT OF OVEREXPOSURE - INHALATION: Inhalation may cause mild irritation to the respiratory tract (nose, mouth, mucous membranes). Inhalation of high concentrations may cause headache, nausea, and dizziness.

EFFECT OF OVEREXPOSURE - SKIN CONTACT: Prolonged and repeated skin contact may cause irritation and possibly dermatitis. Prolonged and repeated skin contact may cause dermatitis, drying and defatting due to the solvent properties.

EFFECT OF OVEREXPOSURE - EYE CONTACT: Mist and vapors may cause eye irritation.

EFFECT OF OVEREXPOSURE - INGESTION: Harmful if swallowed. May cause nausea, vomiting, and diarrhea.

CARCINOGENICITY: This product may contain Titanium Dioxide, which is listed by IARC as possibly carcinogenic to humans (Group 2B). This listing is based on inadequate evidence of carcinogenicity in humans and sufficient evidence in experimental animals. This classification is relevant when exposed to titanium dioxide in dust or powder form only, including cured product that is subject to sanding, grinding, cutting, or other surface preparation activities.

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

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
1317-39-1	COPPER(I) OXIDE	Rat - 470 mg/kg	Rat - > 2000 mg/kg	Rat - 4 hr - >50000 mg/m3
1330-20-7	XYLENE MIXTURE OF ISOMERS	Rat - 4300 mg/kg	Rabbit - >1700 mg/kg	N.I.
8050-09-7	GUM ROSIN	Rat - 2800 mg/kg	Rat - >2000 mg/kg	N.I.
98-56-6	BENZENE, 1-CHLORO-4 (TRIFLUOROMETHYL)	Rat - > 6.8 g/kg	Rabbit - > 2.7 g/kg	N.I.
540-88-5	TERT-BUTYL ACETATE	Rat - male - 4100 mg/ kg	Rabbit - >2000 mg/kg	N.I.
1328-53-6	COPPER-PHTHALOCYANINE PIGMENT	Rat - >5000 mg/kg	Rat - >5000 mg/kg	N.I.
100-41-4	ETHYL BENZENE	Rat - 3500 mg/kg	Rabbit - 15433 mg/kg	N.I.
13463-67-7	TITANIUM DIOXIDE	>10000 mg/kg	>10000 mg/kg	N.I.
25068-38-6	BISPHENOL A (EPICHLOROHYDRIN) EPOXY RESIN	Rat - 11400 mg/kg	Rat - 2000 mg/kg	Rat - male - 0.00001 ppm

N.I. = No Information

12. Ecological Information

ECOLOGICAL INFORMATION: No information on ecology is available.

13. Disposal Information



Product

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Open dumping is prohibited. To avoid waste, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program. Waste product should be chemically reprocessed or disposed of according to procedures approved by Federal, State or local authorities.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Prior to container disposal, allow any remaining paint residue in the container to air dry. Dispose of the container in accordance with Federal, State or local disposal regulations.

DISPOSAL METHOD: Dispose of material in accordance with applicable federal, state and local regulations.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dike to prevent entering any sewer or waterway. Transfer liquid to a holding container. Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state, and federal regulations. Do not incinerate closed containers. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Ventilate area, isolate spilled material, and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations.

14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: No special transport precautions are necessary.

	Domestic (USDOT)	International (IMDG)	Air (IATA)
UN Number:	1263	1263	1263
Proper Shipping Name:	Paint	Paint	Paint
Hazard Class:	3	3	3
Packing Group	III	III	III
Limited Quantity:	No	Yes	Yes, 10 L per pkg

15. Regulatory Information

U.S. Federal Regulations:

U.S. PESTICIDE LAW

EPA STATEMENT: This chemical is a pesticide product registered by the United States 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 (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

EPA PESTICIDE LABEL: WARNING. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear safety glasses or chemical goggles. Wear protective clothing such as gloves, long-sleeved cotton shirt, long pants, and hat. Harmful if inhaled. Avoid breathing dust, vapor or spray mist. While spraying paint or sanding or sandblasting boat surfaces, wear a NIOSH approved powered air purifying respirator equipped with an organic-vapor (OV) removing cartridge and a high efficiency (HE) filter. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

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:

Flammable (gases, aerosols, liquids, or solids), Carcinogenicity, Acute Toxicity (any route of exposure), Skin Corrosion or Irritation, Respiratory or Skin Sensitization, Serious eye damage or eye irritation

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:

<u>Chemical Name</u>	<u>CAS-No.</u>
COPPER(I) OXIDE	1317-39-1
XYLENE MIXTURE OF ISOMERS	1330-20-7
ZINC OXIDE	1314-13-2
2-BUTOXYETHANOL	111-76-2
ETHYL BENZENE	100-41-4
COPPER(II) OXIDE	1317-38-0
METHYL BENZENE	108-88-3
CUMENE	98-82-8
TERT-BUTANOL	75-65-0

TOXIC SUBSTANCES CONTROL ACT:

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

No TSCA components exist in this product.

U.S. State Regulations:

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product.

<u>Chemical Name</u>	<u>CAS-No.</u>
HYDROUS MAGNESIUM SILICATE	14807-96-6

PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3%.

<u>Chemical Name</u>	<u>CAS-No.</u>
HYDROUS MAGNESIUM SILICATE	14807-96-6

CALIFORNIA PROPOSITION 65 CARCINOGENS

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

<u>Chemical Name</u>	<u>CAS-No.</u>
HYDROUS MAGNESIUM SILICATE	14807-96-6
BENZENE,1-CHLORO-4 (TRIFLUOROMETHYL)	98-56-6
COPPER-PHTHALOCYANINE PIGMENT	1328-53-6
ETHYL BENZENE	100-41-4
TITANIUM DIOXIDE	13463-67-7
BISPHENOL A (EPICHLOROHYDRIN) EPOXY RESIN	25068-38-6
CUMENE	98-82-8
CRYSTALLINE SILICA, QUARTZ	14808-60-7

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

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

<u>Chemical Name</u>	<u>CAS-No.</u>
COPPER-PHTHALOCYANINE PIGMENT	1328-53-6

International Regulations: As follows -**CANADIAN WHMIS:**

This SDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

WHMIS Class B2,D2A

16. Other Information

Revision Date:	2/23/2023	Supersedes Date:	New MSDS
Reason for revision:	No Information		
Datasheet produced by:	Regulatory Department		

HMIS Ratings:

Health:	3	Flammability:	2	Reactivity:	0	Personal Protection:	J
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Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer. Classified as Category 2 based on limited evidence on human and/or animal studies. Mixtures with concentrations of suspected carcinogens ingredients at concentration present between 0.1% and 1.0% labelling the SDS will be optional depending on authorities. If Category 2 carcinogenic present at a concentration of 1% or above labelling the SDS will be expected. Routes of exposure are dependant on ingredient form.
H373	May cause damage to organs (hematopoietic system [blood forming], blood, bone marrow, immune system) through prolonged or repeated exposure.

Icons for GHS Pictograms shown in Section 3 describing each ingredient:

GHS02



GHS06



GHS07



GHS08



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

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.