Safety Data Sheet

1. Identification

Product Information.	1187106
Product Name:	TRINIDAD HD BLACK
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 Inhalation, Acute Tox. 4 Oral, Carc. 1A, Eye Dam. 1, Muta. 1B

GHS Pictograms

Signal Word

Danger

Unknown Acute Toxicity

8.4% of the mixture consists of ingredients of unknown acute toxicity

HAZARD STATEMENTS

Harmful if swallowed.
Causes serious eye damage.
Harmful if inhaled.
May cause genetic defects.
May cause cancer.

Precautionary Statements - Prevention.

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response.

If swallowed: Immediately call a poison center/doctor.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If exposed or concerned: Get medical advice/attention.
Immediately call a poison center/doctor.
Rinse mouth.

Precautionary Statements - Storage.

Store locked up.

Precautionary Statements - Disposal.

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

3. Composition/Information on Ingredients

Chemical Name	CAS-No.	Wt. %
Cuprous oxide	1317-39-1	50-75
Petroleum distillates, light aromatic	64742-95-6	2.5-10
Feldspar - Group Minerals	68476-25-5	2.5-10
1,2,4-TRIMETHYLBENZENE	95-63-6	2.5-10
Iron oxide	1309-37-1	2.5-10
Cupric Oxide	1317-38-0	1.0-2.5
Copper (as Cu Dust & Mists)	7440-50-8	0.1-1.0
Crystalline silica (Quartz) (Respirable)	14808-60-7	0.1-1.0
Diatomaceous Earth, flux-calcined	68855-54-9	0.1-1.0
XYLENE	1330-20-7	0.1-1.0
Benzene, (1-methylethyl)-	98-82-8	0.1-1.0
SILICA (CRYSTALLINE-CRISTOBALITE)	14464-46-1	0.1-1.0
ALIPHATIC NAPHTHA	64742-89-8	0.1-1.0
propane-1,2,3-triol	56-81-5	0.1-1.0
Ethyl Benzene	100-41-4	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.

Show this safety data sheet to the doctor in attendance. For further assistance, contact your local Poison Control Center. When symptoms persist or in all cases of doubt seek medical 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.

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Call a poison control center or doctor for treatment advice. Remove contact lenses, if present.

Ingestion.

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

Symptoms.

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

Notes to physician.

Contains petroleum distillate. Probable mucosal damage may contraindicate the use of gastric lavage. Vomiting may cause aspiration pneumonia.

5. Fire-fighting Measures

Extinguishing media.

Suitable extinguishing media.

Water spray. Dry powder. Alcohol-resistant foam. Carbon dioxide (CO2).

Extinguishing media which shall not be used for safety reasons.

High volume water jet.

Special hazards arising from the substance or mixture.

Hazardous decomposition products formed under fire conditions.

Advice for firefighters.

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. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Wear protective gloves/clothing and eye/face protection. Do not breathe vapors or spray mist. Thoroughly decontaminate all protective equipment after use.

Advice for emergency responders.

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 product from entering drains. 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. Use personal protective equipment. Remove all sources of ignition.

Methods for cleaning up.

Use personal protective equipment as required.

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.

Handle in accordance with good industrial hygiene and safety practice. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Use according to package label instructions.

Hygiene measures.

Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Wash hands before breaks and immediately after handling the product.

Storage Conditions.

Keep containers tightly closed in a cool, well-ventilated place. Keep container closed when not in use. Keep in properly labeled containers. Store in accordance with local regulations. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

Chemical Name	ACGIH TLV-TWA	ACGIH-TLV STEL	OSHA PEL-TWA	OSHA PEL-CEILING
Iron oxide	5 mg/m3	N.E.	10 mg/m3	N.E.
Copper (as Cu Dust & Mists)	0.2 mg/m3	N.E.	0.1 mg/m3	N.E.
Crystalline silica (Quartz) (Respirable)	0.025 mg/m3	N.E.	50 µg/m3	N.E.
XYLENE	100 ppm	150 ppm	100 ppm	N.E.
Benzene, (1-methylethyl)-	50 ppm	N.E.	50 ppm	N.E.
SILICA (CRYSTALLINE-CRISTOBALITE)	0.025 mg/m3	N.E.	50 µg/m3	N.E.
propane-1,2,3-triol	N.E.	N.E.	15 mg/m3	N.E.
Ethyl Benzene	20 ppm	N.E.	100 ppm	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.

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.

Wear impervious gloves and/or clothing if needed to prevent contact with the material.

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.

Hygiene measures.

Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Wash hands before breaks and immediately after handling the product.

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	No Information
Melting/freezing point., °C (°F)	No Information
Flash Point., °C (°F)	40 (104)
Boiling point/boiling range., °C (°F)	106 - 2,850 (222.8 - 5162)
Evaporation rate	No Information Available
Explosive properties.	No Information
Vapor pressure.	No Information
Vapor density.	No Information
Specific Gravity. (g/cm3)	2.194
Water solubility.	No Information
Partition coefficient.	No Information
Autoignition temperature.,°C	No Information
Decomposition Temperature °C.	No Information
Viscosity, kinematic.	No Information

Other information.

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

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.
Heat (temperatures above flash point), sparks, ignition points, flames, static electricity. Keep away from heat and sources of ignition.

Incompatible Materials.
None known based on information supplied.

Hazardous Decomposition Products.
Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), dense black smoke.

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)	855.6 mg/kg
ATEmix (dermal)	3,045.3 mg/kg

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.

64742-95-6	Petroleum distillates, light aromatic	8400 mg/kg Rat	>2000 mg/kg Rabbit	3400 ppm Rat (Gas/Mist)
95-63-6	1,2,4-TRIMETHYLBENZENE	3280 mg/kg Rat	>3160 mg/kg Rabbit	18 mg/L Rat (Vapor)
1330-20-7	XYLENE	3500 mg/kg Rat	>4350 mg/kg Rabbit	29.08 mg/L Rat (Vapor)
98-82-8	Benzene, (1-methylethyl)-	1400 mg/kg Rat	1474 mg/kg Rabbit	>3577 ppm Rat (Gas/Mist)
64742-89-8	ALIPHATIC NAPHTHA	N.I.	3000 mg/kg Rabbit	N.I.
56-81-5	propane-1,2,3-triol	12600 mg/kg Rat	>10000 mg/kg Rabbit	>.6 mg/L Rat (Vapor)
100-41-4	Ethyl Benzene	3500 mg/kg Rat	15400 mg/kg Rabbit	17.4 mg/L Rat (Vapor)

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

CAS-No.	Chemical Name	IARC	NTP	OSHA
1309-37-1	Iron oxide	IARC Group 3	-	-
14808-60-7	Crystalline silica (Quartz) (Respirable)	IARC Group 1	NTP Known Human Carcinogen	-
68855-54-9	Diatomaceous Earth, flux-calcined	IARC Group 3	-	-
1330-20-7	XYLENE	IARC Group 3	-	-
98-82-8	Benzene, (1-methylethyl)-	IARC Group 2B	NTP Reasonally Anticipated to be Human Carcinogen	-
14464-46-1	SILICA (CRYSTALLINE-CRISTOBALITE)	IARC Group 1	NTP Known Human Carcinogen	-
100-41-4	Ethyl Benzene	IARC Group 2B	-	-

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.
Aspiration hazard if swallowed - can enter lungs and cause damage.

Primary Route(s) of Entry
Inhalation

12. Ecological Information

Toxicity.

13.43250 % of mixture consists of components of unknown hazards to the aquatic environment.

Ecotoxicity effects.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Cuprous oxide 1317-39-1	EC50 96 h Desmodesmus subspicatus 65 mg/L, EC50 96 h Pseudokirchneriella subcapitata 0.021 - 0.037 mg/L, EC50 96 h Pseudokirchneriella subcapitata 0.055 - 0.076 mg/L	-	EC50 48 h Daphnia magna 0.51 mg/L
Petroleum distillates, light aromatic 64742-95-6	-	LC50 96 h Oncorhynchus mykiss 9.22 mg/L	EC50 48 h Daphnia magna 6.14 mg/L
1,2,4-TRIMETHYLBENZENE 95-63-6	-	LC50 96 h Pimephales promelas 7.19 - 8.28 mg/L	EC50 48 h Daphnia magna 6.14 mg/L
Copper (as Cu Dust & Mists) 7440-50-8	EC50 72 h Pseudokirchneriella subcapitata 0.0426 - 0.0535 mg/L, EC50 96 h Pseudokirchneriella subcapitata 0.031 - 0.054 mg/L	LC50 96 h Pimephales promelas 0.0068 - 0.0156 mg/L, LC50 96 h Pimephales promelas <0.3 mg/L, LC50 96 h Pimephales promelas 0.2 mg/L, LC50 96 h Oncorhynchus mykiss 0.052 mg/L, LC50 96 h Lepomis macrochirus 1.25 mg/L, LC50 96 h Cyprinus carpio 0.3 mg/L, LC50 96 h Cyprinus carpio 0.8 mg/L, LC50 96 h Poecilia reticulata 0.112 mg/L	EC50 48 h Daphnia magna 0.03 mg/L
XYLENE 1330-20-7	-	LC50 96 h Pimephales promelas 13.4 mg/L, LC50 96 h Oncorhynchus mykiss 2.661 - 4.093 mg/L, LC50 96 h Oncorhynchus mykiss 13.5 - 17.3 mg/L, LC50 96 h Lepomis macrochirus 13.1 - 16.5 mg/L, LC50 96 h Lepomis macrochirus 19 mg/L, LC50 96 h Lepomis macrochirus 7.711 - 9.591 mg/L, LC50 96 h Pimephales promelas 23.53 - 29.97 mg/L, LC50 96 h Cyprinus carpio 780 mg/L, LC50 96 h Cyprinus carpio >780 mg/L, LC50 96 h Poecilia reticulata 30.26 - 40.	EC50 48 h water flea 3.82 mg/L, LC50 48 h Gammarus lacustris 0.6 mg/L
Benzene, (1-methylethyl)- 98-82-8	EC50 72 h Pseudokirchneriella subcapitata 2.6 mg/L	LC50 96 h Pimephales promelas 6.04 - 6.61 mg/L, LC50 96 h Oncorhynchus mykiss 4.8 mg/L, LC50 96 h Oncorhynchus mykiss 2.7 mg/L, LC50 96 h Poecilia reticulata 5.1 mg/L	EC50 48 h Daphnia magna 0.6 mg/L, EC50 48 h Daphnia magna 7.9 - 14.1 mg/L
ALIPHATIC NAPHTHA 64742-89-8	EC50 72 h Pseudokirchneriella subcapitata 4700 mg/L	-	-
propane-1,2,3-triol 56-81-5	-	LC50 96 h Oncorhynchus mykiss 51 - 57 mL/L	-

Ethyl Benzene 100-41-4	EC50 72 h Pseudokirchneriella subcapitata 4.6 mg/L, EC50 96 h Pseudokirchneriella subcapitata >438 mg/L, EC50 72 h Pseudokirchneriella subcapitata 2.6 - 11.3 mg/L, EC50 96 h Pseudokirchneriella subcapitata 1.7 - 7.6 mg/L	LC50 96 h Oncorhynchus mykiss 11.0 - 18.0 mg/L, LC50 96 h Oncorhynchus mykiss 4.2 mg/L, LC50 96 h Pimephales promelas 7.55 - 11 mg/L, LC50 96 h Lepomis macrochirus 32 mg/L, LC50 96 h Pimephales promelas 9.1 - 15.6 mg/L, LC50 96 h Poecilia reticulata 9.6 mg/L	EC50 48 h Daphnia magna 1.8 - 2.4 mg/L

Persistence and degradability.

No data are available on the product itself.

Bioaccumulative potential.

Discharge into the environment must be avoided.

CAS-No.	Chemical Name	log POW
95-63-6	1,2,4-TRIMETHYLBENZENE	3.63
1330-20-7	XYLENE	2.77 - 3.15
98-82-8	Benzene, (1-methylethyl)-	3.7
56-81-5	propane-1,2,3-triol	-1.76
100-41-4	Ethyl Benzene	3.2

Mobility in soil.

No information

Other adverse effects.

No information

13. Disposal Considerations

Waste Disposal Guidance.

Nonrefillable container. 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.

14. Transport Information

DOT

Hazard Class: Not regulated (If shipped in NON BULK packaging by ground transport)

IMDG -

Proper Shipping Name: UN1263, Paint, 3, III, Marine Pollutant (cuprous oxide)

IATA

Proper Shipping Name: UN1263, Paint, 3, III

15. Regulatory Information

International Inventories:

TSCA	-
DSL	-
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.
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: .

Chemical Name	CAS-No.	Weight Percent
1,2,4-TRIMETHYLBENZENE	95-63-6	2.5-10
Copper (as Cu Dust & Mists)	7440-50-8	0.1-1.0
Xylene	1330-20-7	0.1-1.0
XYLENE	1330-20-7	0.1-1.0
Benzene, (1-methylethyl)-	98-82-8	0.1-1.0
Ethyl Benzene	100-41-4	0.1-1.0

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:.

No TSCA 12(b) components are present in this product.

U.S. EPA PESTICIDE INFORMATION

EPA Pesticide Registration 60061-64

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: WARNING: Causes eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. May be fatal if swallowed or inhaled. Do not breathe vapors, spray mist or sanding dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

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.
Benzene, (1-methylethyl)-	98-82-8
Ethyl Benzene	100-41-4

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

No Proposition 65 Reproductive Toxins exist in this product.

16. Other Information

Revision Date: 4/29/2019 **Supersedes Date:** 4/26/2019

Reason for revision: Revision Statement(s) Changed

Datasheet produced by: Regulatory Department

HMIS Ratings:

Health:	2*	**Flammability:**	2	**Physical Hazard:**	N.I.	**Personal Protection:**	X

NFPA Ratings:

Health:	2	**Flammability:**	2	**Instability:**	N.I.	**Physical & Chemical:**	N.I.

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

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.