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Safety Data Sheet acc. to OSHA HCS (29 CFR 1910.1200)

Printing date: 12/29/2016 Revision: 12/29/2016

1 Identification

· Product identifier

· Trade name: TRUETONE COLOR INFUSED TUNG OIL - EBONY

· Product code: TB 7001

· Other means of identification: TRUETONE - EBONY

· Recommended use and restriction on use

· Recommended use: Wood stain

· Restrictions on use: No relevant information available.

· Details of the supplier of the Safety Data Sheet

Manufacturer/Supplier:

Waterlox Coatings Corporation 9808 Meech Avenue CLEVELAND, OH 44105 (216) 641-4877

· Emergency telephone number:

ChemTel Inc.

(800)255-3924, +1 (813)248-0585

2 Hazard(s) identification

· Classification of the substance or mixture

Flam. Liq. 3 H226 Flammable liquid and vapor.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Carc. 2 H351 Suspected of causing cancer.

STOT RE 1 H372 Causes damage to the central nervous system through prolonged or repeated

exposure.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

- · Label elements
- · GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms:







GHS02 GHS07 GHS08

· Signal word: Danger

· Hazard statements:

H226 Flammable liquid and vapor.

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

H372 Causes damage to the central nervous system through prolonged or repeated exposure.

H304 May be fatal if swallowed and enters airways.

· Precautionary statements:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

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	(Cont'd. of page
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P260	Do not breathe mist/vapors/spray.
P264	Wash thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection.
P240	Ground/bond container and receiving equipment.
P233	Keep container tightly closed.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing must not be allowed out of the workplace.
P303+P361+P3	353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin w water/shower.
P370+P378	In case of fire: Use foam, powder, or carbon dioxide for extinction.
P363	Wash contaminated clothing before reuse.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331	Do NOT induce vomiting.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P405	Store locked up.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container in accordance with local/regional/national/internation regulations.

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Chemical	haracterization: Mixtures	
Component	ts:	
8052-41-3	Stoddard solvent	10-20%
	♠ Flam. Liq. 3, H226♦ STOT RE 1, H372; Asp. Tox. 1, H304	
64742-88-7	Solvent naphtha (petroleum), medium aliph.	5-10%
	♠ Flam. Liq. 3, H226♠ STOT RE 1, H372; Asp. Tox. 1, H304	
5989-27-5	d-limonene	<2.5%
	 Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315; Skin Sens. 1, H317 Eye Irrit. 2B, H320 	
1333-86-4	carbon black	<2.5%
	& Carc. 2, H351	
14807-96-6	Talc (Mg3H2(SiO3)4)	<2.5%

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	(Cont'd. of page 2)
96-29-7 2-butanone oxime	<1%
© Carc. 2, H351 Eye Dam. 1, H318 Acute Tox. 4, H312; Skin Sens. 1, H317 Flam. Liq. 4, H227	
Additional information.	

Additional information:

For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret. For the wording of the listed Hazard Statements refer to section 16.

4 First-aid measures

Description of first aid measures

· After inhalation:

Supply fresh air; consult doctor in case of complaints.

Provide oxygen treatment if affected person has difficulty breathing.

In case of irregular breathing or respiratory arrest provide artificial respiration.

In case of unconsciousness place patient stably in side position for transportation.

· After skin contact:

Immediately remove any clothing soiled by the product.

Immediately wash with water and soap and rinse thoroughly.

If skin irritation is experienced, consult a doctor.

· After eye contact:

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing:

Rinse out mouth and then drink plenty of water.

A person vomiting while lying on their back should be turned onto their side.

Do not induce vomiting; immediately call for medical help.

· Most important symptoms and effects, both acute and delayed:

Headache

Breathing difficulty

Coughing

Dizziness

Allergic reactions

Cramp

Slight irritant effect on eyes.

Slight irritant effect on skin and mucous membranes.

Gastric or intestinal disorders when ingested.

Nausea in case of ingestion.

Unconsciousness

· Danger:

Danger of impaired breathing.

Danger of disturbed cardiac rhythm.

May cause cancer.

May be fatal if swallowed and enters airways.

Causes damage to the central nervous system through prolonged or repeated exposure.

Vapours may cause drowsiness and dizziness.

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(Cont'd. of page 3)

· Indication of any immediate medical attention and special treatment needed:

If swallowed or in case of vomiting, danger of entering the lungs.

Medical supervision for at least 48 hours.

If necessary oxygen respiration treatment.

Monitor circulation, possible shock treatment.

Later observation for pneumonia and pulmonary edema.

Contains (R)-p-mentha-1,8-diene, 2-butanone oxime. May produce an allergic reaction.

Treat skin and mucous membrane with antihistamine and corticoid preparations.

5 Fire-fighting measures

- · Extinguishing media
- · Suitable extinguishing agents:

Foam

Fire-extinguishing powder

Carbon dioxide

Gaseous extinguishing agents

Water fog / haze

- · For safety reasons unsuitable extinguishing agents: Water stream.
- · Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

- · Advice for firefighters
- · Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

· Additional information:

Eliminate all ignition sources if safe to do so.

Cool endangered containers with water fog.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use respiratory protective device against the effects of fumes/dust/aerosol.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation.

Keep away from ignition sources.

Protect from heat.

Particular danger of slipping on leaked/spilled product.

· Environmental precautions

Do not allow to enter sewers/ surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

Prevent from spreading (e.g. by damming-in or oil barriers).

· Methods and material for containment and cleaning up

Allow to solidify. Pick up mechanically.

Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).

Remove from the water surface (e.g. skim or suck off).

Send for recovery or disposal in suitable receptacles.

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· Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

- · Handling
- · Precautions for safe handling:

Prevent formation of aerosols. Use only in well ventilated areas. Avoid contact with the eyes and skin. Keep out of reach of children.

· Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

Flammable gas-air mixtures may be formed in empty containers/receptacles.

- · Conditions for safe storage, including any incompatibilities
- · Storage
- · Requirements to be met by storerooms and receptacles:

Store in a cool location.

Provide ventilation for receptacles.

Avoid storage near extreme heat, ignition sources or open flame.

· Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from oxidizing agents.

· Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Keep containers tightly sealed.

· Specific end use(s) No relevant information available.

8 Exposure controls/personal protection

- · Control parameters
- · Components with limit values that require monitoring at the workplace:

8052-41-3 Stoddard solvent

PEL (USA) Long-term value: 2900 mg/m³, 500 ppm

REL (USA) Long-term value: 350 mg/m³

Ceiling limit value: 1800* mg/m³

*15-min

TLV (USA) Long-term value: 525 mg/m³, 100 ppm

EL (Canada) Short-term value: 580 mg/m³

Long-term value: 290 mg/m³

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		(Cont'd. of page 5)
EV (Canada)	Long-term value: 525 mg/m ³	
LMPE (Mexico)	Long-term value: 100 ppm	
1333-86-4 carb	on black	
PEL (USA)	Long-term value: 3.5 mg/m ³	
REL (USA)	Long-term value: 3.5* mg/m³ *0.1 in presence of PAHs;See Pocket Guide Apps.A+C	
TLV (USA)	Long-term value: 3* mg/m³ *inhalable fraction	
EL (Canada)	Long-term value: 3 mg/m³ IARC 2B	
EV (Canada)	Long-term value: 3.5 mg/m ³	
LMPE (Mexico)	Long-term value: 3* mg/m³ A3, *fracción inhalable	
96-29-7 2-butai	none oxime	
WEEL (USA)	Long-term value: 10 ppm DSEN	
14807-96-6 Tal	c	
PEL (USA)	Long-term value: 20 mppcf ppm (containing <1% Quartz)	
REL (USA)	Long-term value: 2* mg/m³ *respirable dust; and <1% Quartz	
TLV (USA)	Long-term value: 2* mg/m³ *as respirable fraction; E	
EL (Canada)	Long-term value: 2 *0.1 f/cc mg/m³ resp. *if contains asbestos : ACGIH A1, IARC 1	
EV (Canada)	Long-term value: 2* mg/m³, 2 f/cc ppm *respirable	
LMPE (Mexico)	Long-term value: 2* mg/m³ A4, *fracción respirable	

- Exposure controls
- · Personal protective equipment:
- · General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

- Engineering controls: No relevant information available.
- · Breathing equipment:

Not required under normal conditions of use.

Use suitable respiratory protective device in case of insufficient ventilation.

Use suitable respiratory protective device when aerosol or mist is formed.

For spills, respiratory protection may be advisable.

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(Cont'd. of page 6)

· Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· Eye protection:



Safety glasses

- · Body protection: Protective work clothing
- · Limitation and supervision of exposure into the environment

No relevant information available.

Physical and chemical property	
· Information on basic physical a	and chemical properties
· Appearance: Form:	Liquid
Color:	Liquid Black
· Odor:	Petroleum-like
· Odor threshold:	Not determined.
	Not determined.
· pH-value:	Not determined.
· Melting point/Melting range:	Not determined.
· Boiling point/Boiling range:	150 - 199 °C (302 - 390 °F)
· Flash point:	>38 °C (>100 °F)
· Flammability (solid, gaseous):	Not applicable.
· Auto-ignition temperature:	Not determined.
· Decomposition temperature:	Not determined.
· Danger of explosion:	Product is not explosive. However, formation of explosive air vapor mixtures are possible.
· Explosion limits	
Lower:	Not determined.
Upper:	Not determined.
· Vapor pressure:	>1 (Air=1)
· Density:	
Relative density:	0.91
Vapor density:	Not determined.
Evaporation rate:	Not determined.

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Trade name: TRUETONE COLOR INFUSED TUNG OIL - EBONY

(Cont'd. of page 7)

· Solubility in / Miscibility with

Water: Insoluble.

· Partition coefficient (n-octanol/water): Not determined.

· Viscosity

Dynamic: Not determined. **Kinematic:** Not determined.

VOC content: 247 g/L

· Other information No relevant information available.

10 Stability and reactivity

- · Reactivity: No relevant information available.
- · Chemical stability: Stable under normal temperatures and pressures.
- · Thermal decomposition / conditions to be avoided: Keep away from heat and direct sunlight.
- · Possibility of hazardous reactions

Flammable.

Reacts with strong acids and oxidizing agents.

Toxic fumes may be released if heated above the decomposition point.

Used empty containers may contain product gases which form explosive mixtures with air.

Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized. Reacts with catalysts.

· Conditions to avoid

Voliditions to avoid

Keep ignition sources away - Do not smoke.

Store away from oxidizing agents.

- · Incompatible materials Oxidizers
- · Hazardous decomposition products

Carbon monoxide and carbon dioxide

Hydrocarbons

11 Toxicological information

- · Information on toxicological effects
- · Acute toxicity:

5000 OF 5 11

· LD/LC50 values that are relevant for classification:

64742-88-7 Solvent naphtha (petroleum), medium aliph.

 Oral
 LD50
 >6500 mg/kg (rat)

 Dermal
 LD50
 >3000 mg/kg (rabbit)

 Inhalative
 LC50/4h
 >14 mg/l (rat)

5989-27-5	a-iimone	ene
Oral	וחבס	4400 -

Oral LD50 4400 mg/kg (rat)

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(Cont'd. of page 8) 96-29-7 2-butanone oxime Oral LD50 3700 mg/kg (rat) Dermal LD50 200-2000 mg/kg (rat) Inhalative LC50/4h 20 mg/l (rat) · Primary irritant effect: · On the skin: Slight irritant effect on skin and mucous membranes. · On the eye: Slight irritant effect on eyes. · Sensitization: Sensitization possible through skin contact. · Carcinogenic categories IARC (International Agency for Research on Cancer): 91-20-3 naphthalene 2B 1333-86-4 carbon black 2B 100-41-4 ethylbenzene 2B · NTP (National Toxicology Program): Present in trace quantities. 91-20-3 naphthalene R · OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients are listed.

· Probable route(s) of exposure:

Ingestion.

Inhalation.

Eve contact.

Skin contact.

· CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

Carc. 2

- · Germ cell mutagenicity: Based on available data, the classification criteria are not met.
- · Carcinogenicity: May cause cancer.
- · Reproductive toxicity: Based on available data, the classification criteria are not met.
- · STOT-single exposure: Based on available data, the classification criteria are not met.
- · STOT-repeated exposure:

Causes damage to the central nervous system through prolonged or repeated exposure.

· Aspiration hazard: May be fatal if swallowed and enters airways.

12 Ecological information

- Toxicity
- · Aquatic toxicity Harmful to aquatic life with long lasting effects.
- · Persistence and degradability No relevant information available.
- · Bioaccumulative potential: No relevant information available.
- · Mobility in soil: No relevant information available.
- · Ecotoxical effects:
- · Remark:

Harmful to fish

Due to mechanical actions of the product (e.g. agglutinations), damages may occur.

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- Additional ecological information
- · General notes: Do not allow product to reach ground water, water course or sewage system.
- · Other adverse effects No relevant information available.

13 Disposal considerations

- · Waste treatment methods
- · Recommendation:

Can be disposed of with household garbage after solidification following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

- · Uncleaned packagings
- · Recommendation: Disposal must be made according to official regulations.

14 Transport information

· UN-Number

· **DOT** Not regulated.

Reclassified as combustible under US DOT regulations. Labeling is only required for single packages ≥119 US gal / 450 L to include Combustible symbol and Proper Shipping Name.

· ADR, IMDG, IATA UN1263

· UN proper shipping name

DOTADR, IMDGIATANot regulated.PAINTPaint

- Transport hazard class(es)
- · DOT

· Class Not regulated.

· ADR



· Class 3 (F1) Flammable liquids

· Label

(Cont'd. on page 11)

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(Cont'd. of page 10)

· IMDG, IATA



· Class 3 Flammable liquids

· Label 3

· Packing group

· **DOT** Not regulated.

· ADR, IMDG, IATA

· Environmental hazards

· Marine pollutant: No

· Special precautions for user Warning: Flammable liquids

Danger code (Kemler): 30EMS Number: F-E,S-E

• Segregation groups Liquid halogenated hydrocarbons

· Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code Not applicable.

- · Transport/Additional information:
- · ADR



Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each.

·IMDG



Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each.

·IATA



Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each / 10 L net.

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15 Regulatory information

- · Safety, health and environmental regulations/legislation specific for the substance or mixture
- · United States (USA)
- ·SARA
- · Section 302 (extremely hazardous substances):

None of the ingredients are listed.

· Section 304 (emergency release notification):

None of the ingredients are listed.

· Section 355 (extremely hazardous substances):

None of the ingredients are listed.

· Section 313 (Specific toxic chemical listings):

None of the ingredients are listed.

· TSCA (Toxic Substances Control Act)

All ingredients are listed.

- · Carcinogenic categories
- · EPA (Environmental Protection Agency):

None of the ingredients are listed.

· IARC (International Agency for Research on Cancer):

91-20-3	naphthalene	2B
1333-86-4	carbon black	2B
100-41-4	ethylbenzene	2B

· NIOSH-Ca (National Institute for Occupational Safety and Health):

1333-86-4 carbon black

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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Date of preparation / last revision 12/29/2016 / -

Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

LDLo: Lowest Lethal Dose Observed

Flam. Lig. 3: Flammable liquids - Category 3

Flam. Liq. 4: Flammable liquids – Category 4

Acute Tox. 4: Acute toxicity - Category 4

Skin Irrit. 2: Skin corrosion/irritation - Category 2

Eye Dam. 1: Serious eye damage/eye irritation - Category 1

Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B

Skin Sens. 1: Skin sensitisation - Category 1

Carc. 2: Carcinogenicity - Category 2

Carc. 2: Carcinogenicity - Category 2

STOT RE 1: Specific target organ toxicity (repeated exposure) - Category 1

Asp. Tox. 1: Aspiration hazard - Category 1

Sources

Website, European Chemicals Agency (echa.europa.eu)

Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/ overview/home.do)

Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

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