

SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	IPE OIL HARDWOOD FINISH – 100 VOC
	NATURAL WOOD OIL BASED EXTERIOR WATER
	REPELLING STAIN WITH UV PROTECTION 100 VOC
SYNONYMS:	
PRODUCT CODES:	IO100-1-GAL
CAS NUMBER:	Mixture
PRODUCT USE:	Paint product
SUPPLIER/MANUFACTURER'S NAME:	DeckWise®, The Ipe Clip® Fastener Company
ADDRESS:	2111 58 th Ave East, Bradenton, FL 34203
EMERGENCY PHONE:	24 HR. EMERGENCY TELEPHONE NUMBERS: 1-866-427-2547
	CHEMTREC (US Transportation): (800) 424-9300
FAX:	1-941-896-9858
DATE OF PREPARATION:	August 2, 2018
DATE OF PRIOR REVISION:	New

SECTION 2 - HAZARDS IDENTIFICATION

Classification of the mixture

This product does meet the definition of a hazardous substance or preparation as defined by 29 CFR 1910. 1200

Component(s) Contributing to Classification(s)

Octamethylcyclotetrasiloxane, Mineral Spirits

GHS Label elements, including precautionary statements

Pictogram(s):



Signal Word:

Warning!

GHS Hazard Classification(s):

Flammable Liquid Category 3

Reproductive Toxicity Category 2

Aquatic Chronic Category 4

Hazard Statement(s):

H226: Flammable liquid and vapour

H261: Suspected of damaging fertility or the unborn child

H413: May cause long lasting harmful effects to aquatic life

Prevention Statement(s):

P201: Obtain special instructions before use.

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

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P240: Ground and bond container and receiving equipment.

P241: Use explosion-proof [electrical/ventilating/lighting] equipment.

P242: Use non-sparking tools.

P243: Take action to prevent static discharges.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response Statement(s):

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P370+P378: In case of fire: Use media defined in Section 5 to extinguish.

P308+P313: IF exposed or concerned: Get medical advice/attention.



SAFETY DATA SHEET

Storage Statement(s):

P403+P235: Store in a well-ventilated place. Keep cool.

P405: Store locked up.

Disposal Statement(s):

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Hazards**POTENTIAL HEALTH EFFECTS:**

INHALATION: Not an anticipated hazard.

EYE: May cause irritation with direct contact.

SKIN: May cause irritation.

INGESTION: May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and Diarrhea.

MEDICAL CONDITIONS AGGRAVATED: This material or its emissions may aggravate pre-existing disorders involving any target organs mentioned in this Safety Data Sheet as being at risk.

ROUTES OF ENTRY: Ingestion, Skin Contact and/or Eye Contact.

SECTION 3 - COMPOSITION and INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	CAS #	WT %	GHS CLASSIFICATION
Octamethylcyclotetrasiloxane	556-67-2	40-45%	FLAM LIQ CAT 3, REPR CAT 2, AQUATIC CHRONIC CAT 4
Mineral Spirits	64742-47-8	5-10%	FLAM LIQ CAT 3, ASP CAT 1

Additional Information: See SECTION 16 for full classification phrases.

Actual concentrations withheld as trade secret.

SECTION 4 - FIRST-AID MEASURES

Description of first aid measures

Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effect occurs. Rescuers should be taken for medical attention, if necessary. Take copy of label and SDS to health professional with contaminated individual.

EYE CONTACT: If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation persists.

SKIN CONTACT: Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder before re-use.

INHALATION: If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

INGESTION: If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

Most important symptoms and effects, both acute and delayed

This product contains a chemical suspected to be a reproductive hazard.

Medical conditions aggravated by exposure:

This material or its emissions may aggravate pre-existing disorders involving any target organs mentioned in this Safety Data Sheet as being at risk.

Indication of immediate medical attention and special treatment needed

Treat symptoms and reduce over-exposure.

SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing media

Water, alcohol-resistant foam, dry chemical or CO2.



SAFETY DATA SHEET

Specific hazards arising from the chemical

No data available

Explosion Sensitivity to Mechanical Impact:

Not Sensitive.

Explosion Sensitivity to Static Discharge:

Not Sensitive.

Minimum Ignition Energy (M.I.E.):

No Data at this time

Special firefighting Procedure

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Small Spill:

Collect and transfer to secondary container to be properly disposed.

Large Spill:

Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Sweep up and shovel into suitable containers for disposal. Do not mix waste streams during collection. Avoid dust formation. All receiving equipment should be clean, venter, dry, labelled and made of material that is compatible with the product.

Environmental precautions

Do not let product enter drains, do not allow to sewers/surface or ground water. See Section 12, Ecological information. Inform local authorities if contamination of sewers or waterways has occurred.

Methods and material for containment and cleaning up

Pick up released product with appropriate implements & return to original container if reusable, or dispose. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

SECTION 7 - HANDLING and STORAGE

Handling:

Precautions to be taken in handling and storage: Ensure adequate ventilation. Keep away from incompatible products. Use only clean and dry utensils.

Storage:

Store in tightly closed containers in cool, dry, isolated and well-ventilated area away from incompatible materials.

Specific end uses

Paint product.

SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

Control parameters

EXPOSURE LIMITS/GUIDELINES:

Chemical Name	CAS#	ACGIH	OSHA
Octamethylcyclotetrasiloxane	556-67-2	Not Listed	Not Listed
Mineral Spirits	64742-47-8	200 mg/m ³	Not Listed

Exposure Controls

Currently, International exposure limits are established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided below. Use local exhaust ventilation to control airborne dust. Ensure eyewash/safety shower stations are available near areas where this product is used.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.



SAFETY DATA SHEET

RESPIRATORY PROTECTION: Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

EYE PROTECTION: Safety glasses are recommended. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.

HAND PROTECTION: Use protective gloves as appropriate to minimize skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

BODY PROTECTION: Use body protection appropriate to prevent contact (e.g. lab coat, overalls). If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

Information on basic physical and chemical properties

PHYSICAL STATE:	Low viscosity liquid
ODOR:	Characteristic odor
ODOR THRESHOLD (PPM):	Not Available
APPEARANCE / COLOR:	Liquid
pH:	Not Available
MELTING / FREEZING POINT (F°):	Not Available
BOILING POINT (F°):	150-290°C / 302-554°F
FLASH POINT (F°):	40°C /104°F
EVAPORATION RATE (nBuAc = 1):	Not Available
FLAMMABILITY (solid, gas):	Not Applicable
FLAMMABLE LIMITS (in air by volume, %):	Not Available
VAPOR PRESSURE (mmHg):	Not Available
VAPOR DENSITY (AIR=1):	Not Available
RELATIVE DENSITY	Not Available
SOLUBILITY IN WATER (%)	Limited
PARTITION COEFFICIENT: N-OCTANOL/WATER:	Not Applicable
AUTOIGNITION TEMPERATURE:	Not Available
DECOMPOSITION TEMPERATURE:	Not Applicable
VISCOSITY:	Not Available
EXPLOSIVE PROPERTIES:	Not Applicable
OXIDISING PROPERTIES:	Not Applicable

Other Information

SPECIFIC GRAVITY 4°C: (Water = 1)	0.92
PERCENT SOLIDS BY WEIGHT:	50-55%
PERCENT VOLATILE BY WEIGHT:	45-50%
VOC:	WITH WATER / EXEMPT MATERIALS: .53 LBS/GAL WITHOUT WATER / EXEMPT MATERIALS: .84 LBS/GAL

SECTION 10 - STABILITY and REACTIVITY

Reactivity: Not reactive under normal conditions.

Chemical Stability: Product is stable under recommended storage conditions.

Possibility of Hazardous Reactions: No data available.

Conditions to avoid: Extreme temperatures, sources of ignition.

Incompatible materials: Strong oxidizing agents

Hazardous Decomposition Products: Burning may produce carbon monoxide, carbon dioxide, and formaldehyde..



SAFETY DATA SHEET

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

TOXICITY DATA:

CAS # 556-67-2

LD50 Oral - Rat - > 2,000 mg/kg

LC50 Inhalation - Rat - 4 h - 36,000 mg/m³

LD50 Dermal - Rabbit - > 4,640 mg/kg

CAS # 64742-47-8

LD50 Oral - Rabbit - 2,835 mg/kg

POTENTIAL HEALTH HAZARDS OR RISKS FROM EXPOSURE:

CARCINOGENICITY: Ingredients within this product are not found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be, nor suspected to be, cancer-causing agents by these agencies.

IRRITANCY OF PRODUCT: Exposure with this product can be irritating to exposed skin, eyes and respiratory system.

SENSITIZATION OF PRODUCT: This product is not considered a skin sensitizer.

REPRODUCTIVE TOXICITY INFORMATION: This product does contain components which are documented as reproductive hazards.

GERM CELL MUTAGENICITY INFORMATION: This product does not contain components which are documented as Germ Cell Mutagenicity hazards.

SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE: Data not sufficient for classification.

SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE: Data not sufficient for classification.

ASPIRATION HAZARD: Data not sufficient for classification.

SECTION 12 - ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

Toxicity

TOXICITY DATA:

CAS # 556-67-2

LC50 - Leuciscus idus (Golden orfe) - 200.0 mg/l - 96 h

EC50 - Daphnia magna (Water flea) - > 0.015 mg/l - 48 h

EC50 - Selenastrum capricornutum (green algae) - > 0.022 mg/l - 96 h

Persistence and degradability

No specific data available on this product.

Bioaccumulative potential

No specific data available on this product.

Mobility in soil

No specific data available on this product.

Results of PBT and vPvB assessment

No specific data available on this product.

Other adverse effects

No specific data available on this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS: Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

US DOT:

PROPER SHIPPING NAME: Paint

HAZARD CLASS NUMBER and DESCRIPTION: Class 3 Combustible Liquid

UN IDENTIFICATION NUMBER: UN1263

PACKING GROUP: III

DOT LABEL(S) REQUIRED: Combustible Liquid

SAFETY DATA SHEET

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2016): 128

MARINE POLLUTANT: None of the ingredients are classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)

NOTE: None.

SECTION 15 - REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

UNITED STATES REGULATIONS

SARA REPORTING REQUIREMENTS: This product is not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act.

TSCA: All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

SARA 311/312:

Acute Health: No Chronic Health: Yes Fire: Yes Reactivity: No

U.S. CERCLA REPORTABLE QUANTITY (RQ):

CERCLA Reportable Quantity RQ: None

CLEAN WATER ACT:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

STATE REGULATIONS: None.

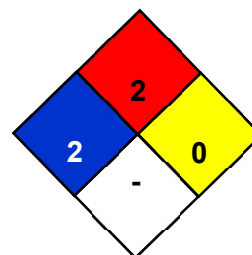
CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): None of the ingredients are on the California Proposition 65 lists.

SECTION 16 - OTHER INFORMATION

HMIS RATING

HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	H

NFPA RATING



Caution: HMIS and NFPA ratings are based on a 0-4 rating scale

0= Minimal Hazard, 1= Slight, 2= Moderate, 3= High, 4= Extreme

MANUFACTURER SUPPLEMENTAL NOTES: For industrial use only. Keep out of reach of children. Failure to use caution may cause serious injury or illness. Never siphon by mouth.

DATA SOURCES: Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness.

ADDITIONAL SDS INFORMATION: The conditions or methods of handling, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility for loss, damage or expense arising out of, or in any way connected with the handling, storage, use, or disposal of the product.

GENERAL STATEMENTS:

Key or Legend to abbreviations and acronyms

NTP Carcinogenicity Status: 1 - Known to be Human Carcinogens; 2 - Reasonably anticipated to be a human carcinogen

- AIHA - American Industrial Hygiene Association
- ACGIH - American Conference of Governmental Industrial Hygienists
- CASRN - Chemical Abstract Services Registry Number
- CFR - Code of Federal Regulations
- D.O.T. - United States Department of Transportation
- IARC - International Agency for Research on Cancer
- OSHA - Occupational Safety and Health Administration



SAFETY DATA SHEET

NIOSH	- National Institute for Occupational Safety and Health
NTP	- National Toxicology Program
PPM	- Parts per million
mg/m ³	- milligram per cubic meter
kg	- kilogram
L or l	- Liter
n.o.s.	- not otherwise specified
Lbs.	- Pounds
mm ² /s	- millimeters squared per second
PMCC	- Pensky-Martens Closed Cup
LC50	- Lethal Concentration 50 (concentration in water having a 50% chance of causing death to aquatic life)
EC50	- Effective Concentration that causes 50% inhibition in growth or mobilization
OECD	- Organization for Economic Cooperation and Development
SOCMI	- Synthetic Organic Chemical Manufacturing Industry
VOC	- Volatile Organic Compound

PREPARED BY: Chris Eigbrett

MSDS to GHS Compliance

(www.msdstoghs.com)

Disclaimer: Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for her/his particular purpose(s).

Revision History:
August 02, 2018

- Document creation

END OF SDS