

# Safety Data Sheet

## Teak Brite Sealer Golden

SDS Revision Date:

04/23/2015 File No.: 0018

### 1. Identification

#### 1.1. Product identifier

**Product Identity**

Teak Brite Sealer Golden

**Alternate Names**

Teak Brite Sealer Golden, Teak Oil  
Product Codes: 1176, 1177, 1178, 1188, 1189, 1194

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Intended use**

Use to clean and oil teak.

#### 1.3. Details of the supplier of the safety data sheet

**Company Name**

Life Industries Corporation  
4060 Bridge View Drive  
N. Charleston, SC 29405

**Emergency**

**CHEMTREC (USA)**

(800) 424-9300

**24 hour Emergency Telephone No.**

USA: 1-800-424-9300  
Outside USA: +1-703-527-3887

**Customer Service: Life Industries Corporation**

+1-843-566-1225

### 2. Hazard(s) identification

#### 2.1. Classification of the substance or mixture

Flam. Liq. 3;H226

Flammable liquid and vapor.

Skin Sens. 1;H317

May cause an allergic skin reaction.

STOT RE 1;H372

Causes damage to organs through prolonged or repeated exposure. Specific Target Organs: (central nervous system )

#### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



**Danger**

# Safety Data Sheet

## Teak Brite Sealer Golden

SDS Revision Date:

04/23/2015 File No.: 0018

H226 Flammable liquid and vapor.

H317 May cause an allergic skin reaction.

H372 Causes damage to organs through prolonged or repeated exposure.

### [Prevention]:

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.

P235 Keep cool.

P240 Ground / bond container and receiving equipment.

P241 Use explosion-proof electrical / ventilating / light / equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P261 Avoid breathing dust / fume / gas / mist / vapors / spray.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves / eye protection / face protection.

### [Response]:

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.

P313 Get medical advice / attention.

P314 Get Medical advice / attention if you feel unwell.

P321 Specific treatment (see information on this label).

P333+313 If skin irritation or a rash occurs: Get medical advice / attention.

P363 Wash contaminated clothing before reuse.

P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

### [Storage]:

P403+233 Store in a well ventilated place. Keep container tightly closed.

### [Disposal]:

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

## 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

| Ingredient/Chemical Designations  | Weight % | GHS Classification                 | Notes |
|---|----------|------------------------------------|-------|
| Solvent naphtha (petroleum), medium aliphatic<br>CAS Number: 0064742-88-7 | 25 - 50  | STOT RE 1;H372<br>Asp. Tox. 1;H304 | [1]   |

# Safety Data Sheet

## Teak Brite Sealer Golden

SDS Revision Date:

04/23/2015 File No.: 0018

|  |            |   |        |
|--|------------|---|--------|
| Cobalt compounds (as Co)<br>CAS Number: 0007440-48-4 | 0.10 - 1.0 | Resp. Sens. 1;H334<br>Skin Sens. 1;H317<br>Aquatic Chronic 4;H413 | [1][2] |
|--|------------|---|--------|

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

### 4. First aid measures

#### 4.1. Description of first aid measures

|                   |   |
|-------------------|---|
| <b>General</b>    | In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.   |
| <b>Inhalation</b> | Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth. |
| <b>Eyes</b>       | Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.  |
| <b>Skin</b>       | Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.   |
| <b>Ingestion</b>  | If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.  |

#### 4.2. Most important symptoms and effects, both acute and delayed

|                 |  |
|-----------------|--|
| <b>Overview</b> | Eye Contact: Vapours are moderately irritating to the eyes.<br><br>Skin Contact: Prolonged or repeated contact may cause defatting and drying of the skin.<br><br>Inhalation: Vapours are moderately irritating to the respiratory passages. In rare cases may sensitize heart muscle causing heart arrhythmia. The liquid when accidentally aspirated into the lungs can cause a severe inflammation of the lung.<br><br>Ingestion: None known<br><br>Notes to Physician: The main hazard following accidental ingestion is aspiration of the liquid into the lungs producing chemical pneumonitis. If more than 2.0 mL/kg has been ingested, vomiting should be induced with supervision.<br><br>Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.<br><br>Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents |
|-----------------|--|

# Safety Data Sheet

## Teak Brite Sealer Golden

SDS Revision Date:

04/23/2015 File No.: 0018

may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

**Skin** May cause an allergic skin reaction.

### 5. Fire-fighting measures

#### 5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder..

Do not use: water jet.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

Keep away from heat / sparks / open flames / hot surfaces - No smoking.

Keep cool.

Ground / bond container and receiving equipment.

Use explosion-proof electrical / ventilating / light / equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

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

#### 5.3. Advice for fire-fighters

Fire fighters should wear full protective clothing, including self-contained breathing equipment.

Combustible. Vapor forms a flammable / explosive mixture with air between upper and lower flammable limits. Do not use water except as a fog. Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure build-up which could result in container rupture. Containers exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure. Do not enter confined fire space without adequate protective clothing and an approved positive pressure self-contained breathing apparatus.

**ERG Guide No.** 128

### 6. Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

#### 6.2. Environmental precautions

# Safety Data Sheet

## Teak Brite Sealer Golden

SDS Revision Date:

04/23/2015 File No.: 0018

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### 6.3. Methods and material for containment and cleaning up

Eliminate all ignition sources. Handling equipment must be grounded. Isolate hazard area and restrict access. Try to work upwind of spill. Avoid direct contact with material. Wear appropriate breathing apparatus (if applicable) and protective clothing. Stop leak only if safe to do so. Dike and contain land spills; contain water spills by booming. Use water fog to knock down vapors; contain runoff. For large spills, remove by mechanical means and place in appropriate containers for disposal. Absorb residue or small spills with absorbent material and remove to non-leaking containers for disposal. Flush area with water to remove trace residue.

## 7. Handling and storage

### 7.1. Precautions for safe handling

Hot surfaces may be sufficient to ignite liquid even in the absence of sparks or flames. Vapors may accumulate and travel to distant ignition sources and flashback. Empty containers may contain hazardous product residues. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapors are gone. Do not pressurize drum containers to empty them. Air-dry contaminated clothing in a well ventilated area before laundering. Avoid breathing vapors and prolonged or repeated contact with skin. Launder contaminated clothing prior to reuse.

See section 2 for further details. - [Prevention]:

### 7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Naked flames and smoking should not be permitted in storage areas. It is recommended that fork lift trucks and electrical equipment are protected to the appropriate standard.

Incompatible materials: Strong oxidizing agents and acids.

Product is moisture sensitive (store in a dark, DRY place).

See section 2 for further details. - [Storage]:

### 7.3. Specific end use(s)

No data available.

## 8. Exposure controls and personal protection

### 8.1. Control parameters

#### Exposure

| CAS No.      | Ingredient                                    | Source   | Value                          |
|--------------|---|----------|--------------------------------|
| 0007440-48-4 | Cobalt compounds (as Co)                      | OSHA     | TWA 0.1 mg/m <sup>3</sup>      |
|              |   | ACGIH    | TWA: 0.02 mg/m <sup>3</sup> 2B |
|              |   | NIOSH    | TWA 0.05 mg/m <sup>3</sup>     |
|              |   | Supplier | No Established Limit           |
| 0064742-88-7 | Solvent naphtha (petroleum), medium aliphatic | OSHA     | No Established Limit           |
|              |   | ACGIH    | No Established Limit           |

# Safety Data Sheet

## Teak Brite Sealer Golden

SDS Revision Date:

04/23/2015 File No.: 0018

|  |  |          |                      |
|--|--|----------|----------------------|
|  |  | NIOSH    | No Established Limit |
|  |  | Supplier | No Established Limit |

### Carcinogen Data

| CAS No.      | Ingredient                                    | Source | Value   |
|--------------|---|--------|---|
| 0007440-48-4 | Cobalt compounds (as Co)                      | OSHA   | Select Carcinogen: Yes  |
|              |   | NTP    | Known: No; Suspected: No  |
|              |   | IARC   | Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No; |
| 0064742-88-7 | Solvent naphtha (petroleum), medium aliphatic | OSHA   | Select Carcinogen: No   |
|              |   | NTP    | Known: No; Suspected: No  |
|              |   | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;  |

### 8.2. Exposure controls

#### Respiratory

If exposure exceeds occupational exposure limits, use an appropriate NIOSH-approved respirator. Use a NIOSH-approved chemical cartridge respirator with organic vapour cartridges or use a NIOSH approved supplied-air respirator. For high airbourne concentrations, use a NIOSH -approved supplied-air respirator, either self-contained or airline breathing apparatus, operated in positive pressure mode.

#### Eyes

Chemical safety goggles and/or full face shield to protect eyes and face, if product is handled such that it could be splashed into eyes.

#### Skin

PVC or rubber gloves.

#### Engineering Controls

Electrical and mechanical equipment should be explosion proof. Concentrations in air should be maintained below lower explosive limit at all times or below the recommended threshold limit value if unprotected personnel are involved. Local ventilation recommended where mechanical ventilation is ineffective in controlling airborne concentrations below the recommended occupational exposure limit. For personnel entry into confined spaces (i.e. bulk storage tanks) a proper confined space entry procedure must be followed including ventilation and testing of tank atmosphere. Make up air should always be supplied to balance air exhausted (either generally or locally).

#### Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

## 9. Physical and chemical properties

#### Appearance

Light golden liquid

#### Odor

Hydrocarbon

#### Odor threshold

Not Measured

# Safety Data Sheet

## Teak Brite Sealer Golden

SDS Revision Date:

04/23/2015 File No.: 0018

|   |  |
|---|--|
| pH  | Not Measured   |
| Melting point / freezing point                  | Not Measured   |
| Initial boiling point and boiling range         | 157-210C (315-410F)  |
| Flash Point                                     | 43C / 109F   |
| Evaporation rate (Ether = 1)                    | Slower than ether; stratifies  |
| Flammability (solid, gas)                       | Not Applicable   |
| Upper/lower flammability or explosive limits    | <b>Lower Explosive Limit:</b> 0.8<br><b>Upper Explosive Limit:</b> 5.0 |
| Vapor pressure (Pa)                             | 2 mmHg @ 20C   |
| Vapor Density                                   | 4.8  |
| Specific Gravity                                | 0.82 - 0.85  |
| Solubility in Water                             | Insoluble  |
| Partition coefficient n-octanol/water (Log Kow) | Not Measured   |
| Auto-ignition temperature                       | 229C / 444F  |
| Decomposition temperature                       | Not Measured   |
| Viscosity (cSt)                                 | Not Measured   |

### 9.2. Other information

No other relevant information.

## 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

Excessive heat and open flame.

### 10.5. Incompatible materials

Strong oxidizing agents and acids.

### 10.6. Hazardous decomposition products

High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

## 11. Toxicological information

### Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue,

# Safety Data Sheet

## Teak Brite Sealer Golden

SDS Revision Date:

04/23/2015 File No.: 0018

muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

| Ingredient   | Oral LD50, mg/kg             | Skin LD50, mg/kg               | Inhalation Vapor LC50, mg/L/4hr | Inhalation Dust/Mist LC50, mg/L/4hr | Inhalation Gas LC50, ppm |
|--|------------------------------|--------------------------------|---------------------------------|-------------------------------------|--------------------------|
| Solvent naphtha (petroleum), medium aliphatic - (64742-88-7) | 6,000.00, Rat - Category: NA | 3,000.00, Rabbit - Category: 5 | No data available               | No data available                   | No data available        |
| Cobalt compounds (as Co) - (7440-48-4)                       | 6,171.00, Rat - Category: NA | No data available              | No data available               | No data available                   | No data available        |

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

| Classification                | Category | Hazard Description  |
|-------------------------------|----------|---|
| Acute toxicity (oral)         | ---      | Not Applicable  |
| Acute toxicity (dermal)       | ---      | Not Applicable  |
| Acute toxicity (inhalation)   | ---      | Not Applicable  |
| Skin corrosion/irritation     | ---      | Not Applicable  |
| Serious eye damage/irritation | ---      | Not Applicable  |
| Respiratory sensitization     | ---      | Not Applicable  |
| Skin sensitization            | 1        | May cause an allergic skin reaction.                            |
| Germ cell mutagenicity        | ---      | Not Applicable  |
| Carcinogenicity               | ---      | Not Applicable  |
| Reproductive toxicity         | ---      | Not Applicable  |
| STOT-single exposure          | ---      | Not Applicable  |
| STOT-repeated exposure        | 1        | Causes damage to organs through prolonged or repeated exposure. |
| Aspiration hazard             | ---      | Not Applicable  |

## 12. Ecological information

### 12.1. Toxicity

Toxic to aquatic life

#### Aquatic Ecotoxicity

| Ingredient | 96 hr LC50 fish, mg/l | 48 hr EC50 crustacea, mg/l | ErC50 algae, mg/l |
|------------|-----------------------|----------------------------|-------------------|
|            |                       |                            |                   |



# Safety Data Sheet

## Teak Brite Sealer Golden

SDS Revision Date:

04/23/2015 File No.: 0018

|  |                             |                       |   |
|--|-----------------------------|-----------------------|---|
| Solvent naphtha (petroleum), medium aliphatic - (64742-88-7) | 800.00, Pimephales promelas | 100.00, Daphnia magna | 450.00 (96 hr), Selenastrum capricornutum     |
| Cobalt compounds (as Co) - (7440-48-4)                       | 100.00, Danio rerio         | Not Available         | 0.05 (72 hr), Pseudokirchneriella subcapitata |

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

Not Measured

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other adverse effects

No data available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

## 14. Transport information

|   | <b>DOT (Domestic Surface Transportation)</b> | <b>IMO / IMDG (Ocean Transportation)</b>           | <b>ICAO/IATA</b>             |
|---|--|--|------------------------------|
| <b>14.1. UN number</b>                    | UN1268                                       | UN1268   | UN1268                       |
| <b>14.2. UN proper shipping name</b>      | UN1268, Petroleum distillates, n.o.s. 3, III | Petroleum distillates, n.o.s.                      | Petroleum distillates, n.o.s |
| <b>14.3. Transport hazard class(es)</b>   | <b>DOT Hazard Class: 3</b>                   | <b>IMDG: 3</b><br><b>Sub Class: Not Applicable</b> | <b>Air Class: 3</b>          |
| <b>14.4. Packing group</b>                | III  | III  | III                          |
| <b>14.5. Environmental hazards</b>        |  |  |                              |
| <b>IMDG</b>                               | Marine Pollutant: No                         |  |                              |
| <b>14.6. Special precautions for user</b> | No further information                       |  |                              |

## 15. Regulatory information

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

# Safety Data Sheet

## Teak Brite Sealer Golden

SDS Revision Date:

04/23/2015 File No.: 0018

**Toxic Substance Control Act ( TSCA)** All components of this material are either listed or exempt from listing on the TSCA Inventory.

**WHMIS Classification** B3 D2A

**US EPA Tier II Hazards**

**Fire:** Yes

**Sudden Release of Pressure:** No

**Reactive:** No

**Immediate (Acute):** Yes

**Delayed (Chronic):** Yes

### **EPCRA 311/312 Chemicals and RQs:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### **EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### **EPCRA 313 Toxic Chemicals:**

Cobalt compounds (as Co)

### **Proposition 65 - Carcinogens (>0.0%):**

Cobalt compounds (as Co)

### **Proposition 65 - Developmental Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### **Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### **Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### **New Jersey RTK Substances (>1%) :**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### **Pennsylvania RTK Substances (>1%) :**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

## 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.

H334 May cause allergic or asthmatic symptoms or breathing difficulties if inhaled.

H372 Causes damage to organs through prolonged or repeated exposure.

# Safety Data Sheet

## Teak Brite Sealer Golden

SDS Revision Date:

04/23/2015 File No.: 0018

H413 May cause long lasting harmful effects to aquatic life.

**This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.**

DISCLAIMER: The information and recommendations contained herein are based upon data believed to be correct. Life Industries Corporation assumes no liability for misinterpretation of the data contained within this form as any type of warranty or guarantee of the product.

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