

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/04/2016

Reviewed on 03/04/2016

1 Identification

- **Product identifier:**
- **Trade name:** **TOTALBOAT TEAK OIL (QT)**
- **Product code:** TB-TEAKOILQ
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Camger Coatings Systems Inc.
364 Main Street
NORFOLK, MA 02056
USA
t.meisner@camger.com
- **Information department:** Product safety department
- **Emergency telephone number:** During normal opening times: +1 (508) 528-5787



2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Liq. 3 H226 Flammable liquid and vapor.



GHS08 Health hazard

Muta. 1B H340 May cause genetic defects.

Carc. 1B H350 May cause cancer.

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



GHS07

Acute Tox. 4 H332 Harmful if inhaled.

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

- **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-determining components of labeling:**

Naphtha (petroleum), heavy alkylate

Manganese Carboxylate

- **Hazard statements**

Flammable liquid and vapor.

Harmful if inhaled.

May cause an allergic skin reaction.

May cause genetic defects.

May cause cancer.

May be fatal if swallowed and enters airways.

(Contd. on page 2)

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/04/2016

Reviewed on 03/04/2016

Trade name: TOTALBOAT TEAK OIL (QT)

(Contd. of page 1)

Precautionary statements

- Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- Use explosion-proof electrical/ventilating/lighting/equipment.
- Avoid breathing dust/fume/gas/mist/vapors/spray
- Wear protective gloves / eye protection / face protection.
- Ground/bond container and receiving equipment.
- Keep container tightly closed.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Use only outdoors or in a well-ventilated area.
- Contaminated work clothing must not be allowed out of the workplace.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
- If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- Specific treatment (see on this label).
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- Call a POISON CENTER/doctor if you feel unwell.
- Wash contaminated clothing before reuse.
- IF exposed or concerned: Get medical advice/attention.
- If skin irritation or rash occurs: Get medical advice/attention.
- Do NOT induce vomiting.
- In case of fire: Use for extinction: CO₂, powder or water spray.
- Store locked up.
- Store in a well-ventilated place. Keep cool.
- Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:
NFPA ratings (scale 0 - 4)


Health = 1
Fire = 2
Reactivity = 0

HMIS-ratings (scale 0 - 4)


Health = *1
Fire = 2
Reactivity = 0

Other hazards

- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

Chemical characterization: Mixtures

- **Description:** Mixture of the substances listed below with nonhazardous additions.

Dangerous components:

| | | |
|------------|-------------------------------------|---------|
| 64741-65-7 | Naphtha (petroleum), heavy alkylate | 50-100% |
| 15956-58-8 | Manganese Carboxylate | 0.1-<1% |

US

(Contd. on page 3)

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/04/2016

Reviewed on 03/04/2016

Trade name: TOTALBOAT TEAK OIL (QT)

(Contd. of page 2)

4 First-aid measures

- **Description of first aid measures**
- **General information:**
Immediately remove any clothing soiled by the product.
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **After inhalation:**
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If irritation occurs, get medical assistance.
- **After swallowing:** If symptoms persist consult doctor. Do not induce vomiting.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Mouth respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **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**
Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Keep respiratory protective device available.

(Contd. on page 4)

-US

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/04/2016

Reviewed on 03/04/2016

Trade name: TOTALBOAT TEAK OIL (QT)

(Contd. of page 3)

- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Store protective clothing separately.
- **Breathing equipment:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Tightly sealed goggles

US

(Contd. on page 5)

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/04/2016

Reviewed on 03/04/2016

Trade name: TOTALBOAT TEAK OIL (QT)

(Contd. of page 4)

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

| | |
|--------------------------|------------------|
| · Form: | Liquid |
| · Color: | Amber colored |
| · Odor: | Hydrocarbon-like |
| · Odor threshold: | Not determined. |

- **pH-value:** Not determined.

- **Change in condition**

| | |
|---------------------------------------|-----------------|
| · Melting point/Melting range: | Undetermined. |
| · Boiling point/Boiling range: | 184 °C (363 °F) |

- **Flash point:** 52 °C (126 °F)

- **Flammability (solid, gaseous):** Not applicable.

- **Ignition temperature:** 354 °C (669 °F)

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not selfigniting.

- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

- **Explosion limits:**

| | |
|-----------------|-----------|
| · Lower: | 0.7 Vol % |
| · Upper: | 6.5 Vol % |

- **Vapor pressure at 20 °C (68 °F):** 1.1 hPa (1 mm Hg)

| | |
|--|--|
| · Density at 20 °C (68 °F): | 0.82 g/cm ³ (6.843 lbs/gal) |
| · Relative density | Not determined. |
| · Vapor density at 20 °C (68 °F) | Heavier than (Air) |
| · Evaporation rate at 20 °C (68 °F) | Slower than (n-butyl acetate) |

- **Solubility in / Miscibility with**

- **Water:** Not miscible or difficult to mix.

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

- **Viscosity:**

| | |
|---------------------|-----------------|
| · Dynamic: | Not determined. |
| · Kinematic: | Not determined. |

- **Solvent content:**

| | |
|----------------------------|--|
| · VOC content: | 529.0 g/l / 4.41 lb/gl |
| · Other information | No further relevant information available. |

10 Stability and reactivity

- **Reactivity** No further relevant information available.

- **Chemical stability**

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

- **Possibility of hazardous reactions** No dangerous reactions known.

- **Conditions to avoid** No further relevant information available.

- **Incompatible materials:** No further relevant information available.

- **Hazardous decomposition products:** No dangerous decomposition products known.

US

(Contd. on page 6)

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/04/2016

Reviewed on 03/04/2016

Trade name: TOTALBOAT TEAK OIL (QT)

(Contd. of page 5)

11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

64741-65-7 Naphtha (petroleum), heavy alkylate

| | | |
|------------|----------|-----------------------|
| Oral | LD50 | > 6000 mg/kg (rat) |
| Dermal | LD50 | > 3000 mg/kg (rabbit) |
| Inhalative | LC50/4 h | > 7.8 mg/l (rat) |

- **Primary irritant effect:**

- **on the skin:** No irritant effect.

- **on the eye:** No irritating effect.

- **Sensitization:** Sensitization possible through skin contact.

- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful

Irritant

The product can cause inheritable damage.

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

| | | |
|------------|-----------------------------------|----|
| 14807-96-6 | Talc (hydrous magnesium silicate) | 2B |
|------------|-----------------------------------|----|

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:** No further relevant information available.

- **Persistence and degradability** No further relevant information available.

- **Behavior in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**

- **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

(Contd. on page 7)

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/04/2016



Reviewed on 03/04/2016

Trade name: TOTALBOAT TEAK OIL (QT)

(Contd. of page 6)

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

14 Transport information

| | |
|--|---|
| <ul style="list-style-type: none"> · UN-Number · DOT, IMDG, IATA | UN1263 |
| <ul style="list-style-type: none"> · UN proper shipping name · DOT, IATA · IMDG | Paint PAINT |
| <ul style="list-style-type: none"> · Transport hazard class(es) · DOT | <div style="text-align: center;">  <p>3</p> </div> |
| <ul style="list-style-type: none"> · Class · Label | 3 Flammable liquids 3 |
| <ul style="list-style-type: none"> · IMDG, IATA | <div style="text-align: center;">  <p>3</p> </div> |
| <ul style="list-style-type: none"> · Class · Label | 3 Flammable liquids 3 |
| <ul style="list-style-type: none"> · Packing group · DOT, IMDG, IATA | III |
| <ul style="list-style-type: none"> · Environmental hazards: | Not applicable. |
| <ul style="list-style-type: none"> · Special precautions for user · Danger code (Kemler): · EMS Number: · Stowage Category | Warning: Flammable liquids 30 F-E, <u>S-E</u> A |
| <ul style="list-style-type: none"> · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| <ul style="list-style-type: none"> · Transport/Additional information: · DOT · Quantity limitations · Remarks: | On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L Flash Point – 100F or higher. D.O.T. label NOT required. 173.150(f)1 May be reclassified as Combustible Liquid. |
| <ul style="list-style-type: none"> · IMDG · Limited quantities (LQ) · Excepted quantities (EQ) | 5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml |
| <ul style="list-style-type: none"> · UN "Model Regulation": | UN 1263 PAINT, 3, III |

US

(Contd. on page 8)

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/04/2016

Reviewed on 03/04/2016

Trade name: TOTALBOAT TEAK OIL (QT)

(Contd. of page 7)

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
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| · Section 355 (extremely hazardous substances): |
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| None of the ingredients is listed. |
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| · Section 313 (Specific toxic chemical listings): |
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| None of the ingredients is listed. |
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| · TSCA (Toxic Substances Control Act): |
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| All ingredients are listed. |
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| · Proposition 65 |
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| · Chemicals known to cause cancer: |
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| None of the ingredients is listed. |
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| · Chemicals known to cause reproductive toxicity for females: |
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| None of the ingredients is listed. |
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| · Chemicals known to cause reproductive toxicity for males: |
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| None of the ingredients is listed. |
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|---|
| · Chemicals known to cause developmental toxicity: |
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|------------------------------------|
| None of the ingredients is listed. |
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|----------------------------------|
| · Carcinogenic categories |
|----------------------------------|

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| · EPA (Environmental Protection Agency) |
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|------------------------------------|
| None of the ingredients is listed. |
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| · TLV (Threshold Limit Value established by ACGIH) |
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| 14807-96-6 Talc (hydrous magnesium silicate) |
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|----|
| A4 |
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| · NIOSH-Ca (National Institute for Occupational Safety and Health) |
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|------------------------------------|
| None of the ingredients is listed. |
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| · GHS label elements |
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| The product is classified and labeled according to the Globally Harmonized System (GHS). |
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| · Hazard pictograms |
|----------------------------|



GHS02 GHS07 GHS08

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|-----------------------------|
| · Signal word Danger |
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|---|
| · Hazard-determining components of labeling: |
|---|

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|--|
| Naphtha (petroleum), heavy alkylate Manganese Carboxylate |
|--|

| |
|----------------------------|
| · Hazard statements |
|----------------------------|

| |
|--|
| Flammable liquid and vapor. Harmful if inhaled. May cause an allergic skin reaction. May cause genetic defects. May cause cancer. May be fatal if swallowed and enters airways. |
|--|

| |
|-----------------------------------|
| · Precautionary statements |
|-----------------------------------|

| |
|---|
| Keep away from heat/sparks/open flames/hot surfaces. No smoking. Use explosion-proof electrical/ventilating/lighting/equipment. Avoid breathing dust/fume/gas/mist/vapors/spray Wear protective gloves / eye protection / face protection. |
|---|

(Contd. on page 9)

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/04/2016

Reviewed on 03/04/2016

Trade name: TOTALBOAT TEAK OIL (QT)

(Contd. of page 8)

Ground/bond container and receiving equipment.
 Keep container tightly closed.
 Use only non-sparking tools.
 Take precautionary measures against static discharge.
 Use only outdoors or in a well-ventilated area.
 Contaminated work clothing must not be allowed out of the workplace.
 Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 Specific treatment (see on this label).
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 Call a POISON CENTER/doctor if you feel unwell.
 Wash contaminated clothing before reuse.
IF exposed or concerned: Get medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.
 Do NOT induce vomiting.
In case of fire: Use for extinction: CO₂, powder or water spray.
 Store locked up.
 Store in a well-ventilated place. Keep cool.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **National regulations:**

· **Additional classification according to Decree on Hazardous Materials:**

Carcinogenic hazardous material group III (dangerous).

· **Information about limitation of use:**

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation.

Exceptions can be made by the authorities in certain cases.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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.

· **Department issuing SDS:** Environment protection department.

· **Contact:**

Mr. Meisner

Compliance department.

· **Date of preparation / last revision** 03/04/2016 / 3

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (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

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Flam. Liq. 3: Flammable liquids, Hazard Category 3

(Contd. on page 10)

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/04/2016

Reviewed on 03/04/2016

Trade name: TOTALBOAT TEAK OIL (QT)

(Contd. of page 9)

Acute Tox. 4: Acute toxicity, Hazard Category 4
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
Muta. 1B: Germ cell mutagenicity, Hazard Category 1B
Carc. 1B: Carcinogenicity, Hazard Category 1B
Asp. Tox. 1: Aspiration hazard, Hazard Category 1

· * **Data compared to the previous version altered.**

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