

Safety Data Sheet

acc. to OSHA HCS

Printing date 09/30/2014

Reviewed on 09/18/2013

1 Identification

- **Product identifier**
- **Trade name:** 14058 ALKYD FLOOR ENAMEL BATTLESHIP GREY
- **Article number:** 14058
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
UCP PAINT INC.
19500 Rte. Transcanadienne
Baie-D'Urfé, H9X 3S4, Quebec, Canada
(514) 457-1512
- **Information department:** Product safety department
- **Emergency telephone number:** During normal opening times: Canutec (613) 996-6666

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Liq. 3 H226 Flammable liquid and vapour.



GHS08 Health hazard

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



GHS07

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

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Harmful

Harmful: may cause lung damage if swallowed.

Flammable.

- **Information concerning particular hazards for human and environment:**
The product has to be labeled due to the calculation procedure of international guidelines.
- **Classification system:**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

- **Label elements**
- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

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· **Hazard pictograms**· **Signal word** *Danger*· **Hazard-determining components of labeling:***Distillates (petroleum), hydrotreated light**Stoddard solvent**A mixture of: butan-2-one oxime and syn-O,O'-di(butan-2-one oxime)-diethoxysilane*· **Hazard statements***Flammable liquid and vapour.**May cause an allergic skin reaction.**May be fatal if swallowed and enters airways.*· **Precautionary statements***If medical advice is needed, have product container or label at hand.**Keep out of reach of children.**Read label before use.**Keep away from heat/sparks/open flames/hot surfaces. - No smoking.**Use explosion-proof electrical/ventilating/lighting/equipment.**IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.**Specific treatment (see on this label).**Store locked up.**Dispose of contents/container in accordance with local/regional/national/international regulations.*· **Hazard description:**· **WHMIS-symbols:***B3 - Combustible liquid*· **Classification system:**· **NFPA ratings (scale 0 - 4)***Health = 2**Fire = 2**Reactivity = 0*· **HMIS-ratings (scale 0 - 4)***Health = 2**Fire = 2**Reactivity = 0*· **Other hazards**· **Results of PBT and vPvB assessment**· **PBT:** *Not applicable.*· **vPvB:** *Not applicable.*

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3 Composition/information on ingredients

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

- **Dangerous components:**

| | | |
|------------|---|-----------|
| 64742-47-8 | Distillates (petroleum), hydrotreated light | 10-<25% |
| 8052-41-3 | Stoddard solvent | 10-<25% |
| 96-29-7 | A mixture of: butan-2-one oxime and syn-O,O'-di(butan-2-one oxime)-diethoxysilane | 0.1-<0.3% |

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:** 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 symptoms persist, consult a doctor.
- **After swallowing:** Immediately call a doctor.
- **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, sand, extinguishing powder. Do not use water.
- **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:** No special measures required.

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.
Do not flush with water or aqueous cleansing agents
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:**
 - Keep ignition sources away - Do not smoke.
 - Protect against electrostatic charges.
- **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:

64742-47-8 Distillates (petroleum), hydrotreated light

| | |
|----|--|
| EL | Long-term value: 200 mg/m ³ |
| | Skin |

8052-41-3 Stoddard solvent

| | |
|----|---|
| EL | Short-term value: 580 mg/m ³ |
| | Long-term value: 290 mg/m ³ |

- **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.
 - Do not inhale dust / smoke / mist.
 - Avoid contact with the eyes and skin.
- **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

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· **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

9 Physical and chemical properties

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

· **General Information**

· **Appearance:**

Form: Liquid

Color: Grey

· **Odor:** Mild

· **Odour threshold:** Not determined.

· **pH-value:** Not determined.

· **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 100 °C

· **Flash point:** 41 °C

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

· **Ignition temperature:** 210 °C

· **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: 0.5 Vol %

Upper: 6.5 Vol %

· **Vapor pressure at 20 °C:** 23 hPa

· **Density at 20 °C:** 1.1 g/cm³

· **Relative density** Not determined.

· **Vapour density** Not determined.

· **Evaporation rate** Not determined.

· **Solubility in / Miscibility with**

Water: Not miscible or difficult to mix.

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

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- | | |
|--|-----------------|
| · Viscosity: | |
| Dynamic: | Not determined. |
| Kinematic: | Not determined. |
| · Solvent content: | |
| Organic solvents: | 0.4 % |
| Water: | 24.8 % |
| · Solids content: | |
| Solids content: | 23.0 % |
| · Other information | |
| No further relevant information available. | |

10 Stability and reactivity

- **Reactivity**
- **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.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful
Irritant
- **Carcinogenic categories**

· IARC (International Agency for Research on Cancer)

| | | |
|------------|--------------------------------------|----|
| 13463-67-7 | titanium dioxide | 2B |
| 14808-60-7 | Quartz (SiO ₂) | 1 |
| 1333-86-4 | Carbon black | 2B |
| 136-52-7 | cobalt bis(2-ethylhexanoate) | 2B |
| 7631-86-9 | silicon dioxide, chemically prepared | 3 |
| 100-41-4 | ethylbenzene | 2B |
| 1309-37-1 | diiron trioxide | 3 |

· NTP (National Toxicology Program)

| | | |
|------------|----------------------------|---|
| 14808-60-7 | Quartz (SiO ₂) | K |
|------------|----------------------------|---|

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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 1 (Self-assessment): slightly hazardous for water
 Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **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.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|---|----------------------|
| · UN-Number | UN1263 |
| · DOT, TDG, IMDG, IATA | |
| · UN proper shipping name | Paint |
| · DOT | 1263 Paint |
| · TDG | PAINT |
| · IMDG, IATA | |
| · Transport hazard class(es) | |
| · DOT | |
|  | |
| · Class | 3 Flammable liquids. |
| · Label | 3 |
| · TDG, IMDG, IATA | |
|  | |
| · Class | 3 Flammable liquids |

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| | |
|--|----------------------------|
| · Label | 3 |
| · Packing group | |
| · DOT, TDG, IMDG, IATA | III |
| · Environmental hazards: | |
| · Marine pollutant: | No |
| · Special precautions for user | Warning: Flammable liquids |
| · Danger code (Kemler): | 30 |
| · EMS Number: | F-E, S-E |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · UN "Model Regulation": | UN1263, Paint, 3, III |

15 Regulatory information

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

· **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

100-41-4 ethylbenzene

67-56-1 methanol

· **TSCA (Toxic Substances Control Act):**

1317-65-3 Calcium Carbonate

64742-47-8 Distillates (petroleum), hydrotreated light

8052-41-3 Stoddard solvent

13463-67-7 titanium dioxide

8030-76-0 LECITHIN

Lecithins, soya

20344-49-4 iron hydroxide oxide

14808-60-7 Quartz (SiO₂)

1333-86-4 Carbon black

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

136-52-7 cobalt bis(2-ethylhexanoate)

7631-86-9 silicon dioxide, chemically prepared

100-41-4 ethylbenzene

111-77-3 2-(2-methoxyethoxy)ethanol

107-98-2 1-methoxy-2-propanol

64742-48-9 Naphtha (petroleum), hydrotreated heavy

· **Proposition 65**

· **Chemicals known to cause cancer:**

14808-60-7 Quartz (SiO₂)

1333-86-4 Carbon black

100-41-4 ethylbenzene

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· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

149-57-5 2-ethylhexanoic acid

67-56-1 methanol

· Carcinogenic categories
· EPA (Environmental Protection Agency)

100-41-4 ethylbenzene

D

· TLV (Threshold Limit Value established by ACGIH)

13463-67-7 titanium dioxide

A4

14808-60-7 Quartz (SiO₂)

A2

1333-86-4 Carbon black

A4

100-41-4 ethylbenzene

A3

1309-37-1 diiron trioxide

A4

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

13463-67-7 titanium dioxide

14808-60-7 Quartz (SiO₂)

1333-86-4 Carbon black

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

· Canadian substance listings:
· Canadian Domestic Substances List (DSL)

64742-47-8 Distillates (petroleum), hydrotreated light

8052-41-3 Stoddard solvent

13463-67-7 titanium dioxide

8030-76-0 LECITHIN

Lecithins,soya

20344-49-4 iron hydroxide oxide

14808-60-7 Quartz (SiO₂)

1333-86-4 Carbon black

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

136-52-7 cobalt bis(2-ethylhexanoate)

7631-86-9 silicon dioxide, chemically prepared

100-41-4 ethylbenzene

107-98-2 1-methoxy-2-propanol

64742-48-9 Naphtha (petroleum), hydrotreated heavy

21645-51-2 aluminium hydroxide

149-57-5 2-ethylhexanoic acid

· Canadian Ingredient Disclosure list (limit 0.1%)

100-41-4 ethylbenzene

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· Canadian Ingredient Disclosure list (limit 1%)

| | |
|-----------|------------------|
| 8052-41-3 | Stoddard solvent |
|-----------|------------------|

· 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:
Distillates (petroleum), hydrotreated light
Stoddard solvent
A mixture of: butan-2-one oxime and syn-O,O'-di(butan-2-one oxime)-diethoxysilane
· Hazard statements
Flammable liquid and vapour.
May cause an allergic skin reaction.
May be fatal if swallowed and enters airways.
· Precautionary statements
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Use explosion-proof electrical/ventilating/lighting/equipment.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
Specific treatment (see on this label).
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.
· 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 MSDS: Product safety department

· Contact: UCP Paint

· Date of preparation / last revision 09/30/2014 / -

· Abbreviations and acronyms:
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)
WHMIS: Workplace Hazardous Materials Information System (Canada)
Flam. Liq. 3: Flammable liquids, Hazard Category 3
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
Asp. Tox. 1: Aspiration hazard, Hazard Category 1