

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/09/2014

Reviewed on 09/17/2013

1 Identification

- **Product identifier**
- **Trade name:** 13-875 ; 13-8750; Grey Low Voc AC Alkyd Flr
- **Article number:** 13-875, 13-8750
- **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

Repr. 2 H361 Suspected of damaging fertility or the unborn child.

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

Possible risk of impaired fertility. 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:***Stoddard solvent**octamethylcyclotetrasiloxane**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.**Suspected of damaging fertility or the unborn child.**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**D2A - Very toxic material causing other toxic effects*· **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:**

8052-41-3	Stoddard solvent	25-50%
64742-47-8	Distillates (petroleum), hydrotreated light	3-<10%
556-67-2	octamethylcyclotetrasiloxane	5-<10%
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**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult 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.
See Section 13 for disposal information.

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7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **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:

8052-41-3 Stoddard solvent

EL	Short-term value: 580 mg/m ³ Long-term value: 290 mg/m ³
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64742-47-8 Distillates (petroleum), hydrotreated light

EL	Long-term value: 200 mg/m ³ Skin
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- **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.
Wash hands before breaks and at the end of work.
- **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.

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· **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: 175 °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: 1.1 Vol %

Upper: 6.0 Vol %

· **Vapor pressure:** Not determined.

· **Density at 20 °C:** 1.085 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.

· **Viscosity:**

Dynamic: Not determined.

Kinematic: Not determined.

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· Solvent content:	
Organic solvents:	0.2 %
Water:	0.2 %
· Solids content:	
Solids content:	20.1 %
· 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:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
- **Carcinogenic categories**

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

13463-67-7	titanium dioxide	2B
14808-60-7	Quartz (SiO ₂)	1
7631-86-9	silicon dioxide, chemically prepared	3
1333-86-4	Carbon black	2B
136-52-7	cobalt bis(2-ethylhexanoate)	2B
1330-20-7	xylene	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.

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- **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 |
| · Label | 3 |
| · Packing group | III |
| · DOT, TDG, IMDG, IATA | |
| · Environmental hazards: | |
| · Marine pollutant: | No |
| · Special precautions for user | Warning: Flammable liquids |
| · Danger code (Kemler): | 30 |

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- | | |
|--|------------------------------|
| · EMS Number: | <i>F-E, S-E</i> |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | <i>Not applicable.</i> |
| · UN "Model Regulation": | <i>UN1263, Paint, 3, III</i> |

15 Regulatory information

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

· Section 355 (extremely hazardous substances):
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None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):
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67-56-1	methanol
95-63-6	1,2,4-trimethylbenzene
1330-20-7	xylene

· TSCA (Toxic Substances Control Act):

8052-41-3	Stoddard solvent
1317-65-3	Calcium Carbonate
64742-47-8	Distillates (petroleum), hydrotreated light
556-67-2	octamethylcyclotetrasiloxane
13463-67-7	titanium dioxide
8030-76-0	LECITHIN Lecithins,soya
14808-60-7	Quartz (SiO ₂)
7631-86-9	silicon dioxide, chemically prepared
20344-49-4	iron hydroxide oxide
1333-86-4	Carbon black
136-52-7	cobalt bis(2-ethylhexanoate)
64742-88-7	Solvent naphtha (petroleum), medium aliph.
64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy
15956-58-8	Hexanoic acid,2-ethyl- manganese salt
111-77-3	2-(2-methoxyethoxy)ethanol

· Proposition 65

· Chemicals known to cause cancer:

14808-60-7	Quartz (SiO ₂)
1333-86-4	Carbon black

· Chemicals known to cause reproductive toxicity for females:
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None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:
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None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

149-57-5	2-ethylhexanoic acid
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67-56-1 methanol

· Carcinogenic categories
· EPA (Environmental Protection Agency)

1330-20-7 xylene

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· 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

1330-20-7 xylene

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)

8052-41-3 Stoddard solvent

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

556-67-2 octamethylcyclotetrasiloxane

13463-67-7 titanium dioxide

8030-76-0 LECITHIN

Lecithins,soya

14808-60-7 Quartz (SiO₂)

7631-86-9 silicon dioxide, chemically prepared

20344-49-4 iron hydroxide oxide

1333-86-4 Carbon black

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

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

64742-82-1 Naphtha (petroleum), hydrodesulfurized heavy

15956-58-8 Hexanoic acid, 2-ethyl-
manganese salt

21645-51-2 aluminium hydroxide

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

· Canadian Ingredient Disclosure list (limit 0.1%)

None of the ingredients is listed.

· 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).

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· **Hazard pictograms**· **Signal word** *Danger*· **Hazard-determining components of labeling:***Stoddard solvent**octamethylcyclotetrasiloxane**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.**Suspected of damaging fertility or the unborn child.**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** *06/09/2014 / -*· **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**Repr. 2: Reproductive toxicity, Hazard Category 2**Asp. Tox. 1: Aspiration hazard, Hazard Category 1*