

Safety Data Sheet according to HPR, Schedule 1

Printing date 02/25/2019

Reviewed on 02/25/2019

1 Identification

- **Product identifier**
- **Trade name:** 1125 ALKYD F.D. PRIMER RED OXIDE
- **Article number:** 1125
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**

UCP PAINT INC.
19500 Rte Transcanadienne
Baie D'Urfe, H9X 3S4, Quebec, Canada
(514) 457-1512

- **Information department:** Product safety department
- **Emergency telephone number:** Chemtrec : 24 Hours 1-800-424-9300

2 Hazard identification

- **Classification of the substance or mixture**



GHS02 Flame

Flammable Liquids - Category 2

H225 Highly flammable liquid and vapour.



GHS08 Health hazard

Germ Cell Mutagenicity - Category 1B

H340 May cause genetic defects.

Carcinogenicity - Category 1B

H350 May cause cancer.

Reproductive Toxicity - Category 2

H361 Suspected of damaging fertility or the unborn child.

Specific Target Organ Toxicity - Repeated Exposure - Category 1

H372 Causes damage to the central nervous system through prolonged or repeated exposure.

Aspiration Hazard - Category 1

H304 May be fatal if swallowed and enters airways.



GHS07

Skin Sensitizer - Category 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

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

Solvent naphtha (petroleum), light aliph.

Stoddard solvent

Distillates (petroleum), hydrotreated light

Naphtha (petroleum), hydrotreated light

2-butanone oxime

· **Hazard statements**

Highly flammable liquid and vapour.

May cause an allergic skin reaction.

May cause genetic defects.

May cause cancer.

Suspected of damaging fertility or the unborn child.

Causes damage to the central nervous system through prolonged or repeated exposure.

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.

Obtain special instructions before use.

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

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

Keep container tightly closed.

Ground and bond container and receiving equipment.

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

Use non-sparking tools.

Take actions to prevent static discharges.

Do not breathe dust/fume/gas/mist/vapours/spray.

Wash thoroughly after handling.

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

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

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

If swallowed: Immediately call a poison center/doctor.

Specific treatment (see on this label).

Do NOT induce vomiting.

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

IF exposed or concerned: Get medical advice/attention.

Get medical advice/attention if you feel unwell.

Take off contaminated clothing and wash it before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

In case of fire: Use for extinction: CO₂, powder or water spray.

Store in a well-ventilated place. Keep cool.

Store locked up.

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

3 Composition/Information on ingredients

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

64742-89-8	Solvent naphtha (petroleum), light aliph.	7-13% w/w *
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64742-47-8	Distillates (petroleum), hydrotreated light	3-7% w/w *
64742-49-0	Naphtha (petroleum), hydrotreated light	1-5% w/w *
8052-41-3	Stoddard solvent	1-5% w/w *
142-82-5	heptane	1-5% w/w *
108-88-3	toluene	0.1-1% w/w *
96-29-7	2-butanone oxime	≥0.1- <1% w/w *

* Actual concentration ranges are withheld as a trade secret.

4 First aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **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 Firefighting 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 product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
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.
 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.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
 Keep receptacle tightly sealed.
 Store in cool, dry conditions in well sealed receptacles.
- **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 (3-7%)

EL Long-term value: 200 mg/m³
 Skin

8052-41-3 Stoddard solvent (1-5%)

EL Short-term value: 580 mg/m³
 Long-term value: 290 mg/m³

546-93-0 Magnesite (1-5%)

EL Long-term value: 10* 3** mg/m³
 *total dust, **respirable fraction

EV Long-term value: 10 mg/m³
 total dust

142-82-5 heptane (1-5%)

EL Short-term value: 500 ppm
 Long-term value: 400 ppm

EV Short-term value: 2.045 mg/m³, 500 ppm
 Long-term value: 1.635 mg/m³, 400 ppm

108-88-3 toluene (0.1-1%)

EL Long-term value: 20 ppm
 R

EV Long-term value: 20 ppm

- **Additional information:** The lists that were valid during the creation were used as basis.

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- **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

9 Physical and chemical properties

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

- **General Information**

- **Appearance:**

Form: Liquid

Color: Dark red

- **Odor:** Aromatic

- **Odor threshold:** Not determined.

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

- **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: >94 °C

- **Flash point:** 4 °C

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

- **Ignition temperature:** 210 °C

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· 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:	Not determined.
Upper:	Not determined.
· Vapor pressure:	Not determined.
· Density at 20 °C:	1.396 g/cm ³
· Relative density	Not determined.
· Vapor 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.
· Solvent content:	
Organic solvents:	20.4 %
Water:	0.0 %
Solids content:	61.1 %
· 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.

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.

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The product can cause inheritable damage.

· **Carcinogenic categories**

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

14807-96-6	Talc ($Mg_3H_2(SiO_3)_4$)	3
1309-37-1	diiron trioxide	3
14808-60-7	Quartz (SiO_2)	1
108-88-3	toluene	3
1330-20-7	xylene	3
100-41-4	ethylbenzene	2B
136-52-7	cobalt(II) 2-ethylhexanoate	2B

· **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.

· **Ecotoxicological effects:**

· **Remark:** Toxic for fish

· **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.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

· **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**

· **DOT, TDG, IMDG, IATA**

UN1263

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· **UN proper shipping name**· **DOT**· **TDG**· **IMDG**· **IATA**

Paint

1263 PAINT, ENVIRONMENTALLY HAZARDOUS

PAINT, MARINE POLLUTANT

PAINT

· **Transport hazard class(es)**· **DOT**· **Class**

3 Flammable liquids

· **Label**

3

· **TDG, IMDG**· **Class**

3 Flammable liquids

· **Label**

3

· **IATA**· **Class**

3 Flammable liquids

· **Label**

3

· **Packing group**· **DOT, TDG, IMDG, IATA**

II

· **Environmental hazards:**· **Marine pollutant:**

Yes

Symbol (fish and tree)

· **Special marking (TDG):**

Symbol (fish and tree)

· **Special precautions for user**

Warning: Flammable liquids

· **Danger code (Kemler):**

33

· **EMS Number:**

F-E, S-E

· **Stowage Category**

B

· **Transport in bulk according to Annex II of
MARPOL73/78 and the IBC Code**

Not applicable.

· **Transport/Additional information:**· **DOT**· **Quantity limitations**

On passenger aircraft/rail: 5 L

On cargo aircraft only: 60 L

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· **TDG**· **Excepted quantities (EQ)**

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

· **IMDG**· **Limited quantities (LQ)**

5L

· **Excepted quantities (EQ)**

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

· **UN "Model Regulation":**

UN 1263 PAINT, 3, II, ENVIRONMENTALLY HAZARDOUS

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):**

108-88-3	toluene
1330-20-7	xylene
67-56-1	methanol
100-41-4	ethylbenzene
136-52-7	cobalt(II) 2-ethylhexanoate
111-77-3	2-(2-methoxyethoxy)ethanol

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

1317-65-3	Calcium Carbonate
64742-89-8	Solvent naphtha (petroleum), light aliph.
64742-47-8	Distillates (petroleum), hydrotreated light
14807-96-6	Talc (Mg ₃ H ₂ (SiO ₃) ₄)
1309-37-1	diiron trioxide
546-93-0	Magnesite
142-82-5	heptane
14808-60-7	Quartz (SiO ₂)
108-88-3	toluene
1330-20-7	xylene
8030-76-0	LECITHIN Lecithins,soya
67-56-1	methanol
100-41-4	ethylbenzene
64742-88-7	Solvent naphtha (petroleum), medium aliph.
136-52-7	cobalt(II) 2-ethylhexanoate
111-77-3	2-(2-methoxyethoxy)ethanol
107-98-2	1-methoxy-2-propanol

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149-57-5	2-ethylhexanoic acid
79-09-4	propionic acid
7732-18-5	water, distilled, conductivity or of similar purity

· **Canadian substance listings:**

· Canadian Domestic Substances List (DSL)	
64742-89-8	Solvent naphtha (petroleum), light aliph.
64742-47-8	Distillates (petroleum), hydrotreated light
14807-96-6	Talc (Mg ₃ H ₂ (SiO ₃) ₄)
1309-37-1	diiron trioxide
64742-49-0	Naphtha (petroleum), hydrotreated light
8052-41-3	Stoddard solvent
546-93-0	Magnesite
142-82-5	heptane
14808-60-7	Quartz (SiO ₂)
108-88-3	toluene
1330-20-7	xylene
8030-76-0	LECITHIN Lecithins,soya
67-56-1	methanol
100-41-4	ethylbenzene
64742-88-7	Solvent naphtha (petroleum), medium aliph.
136-52-7	cobalt(II) 2-ethylhexanoate
107-98-2	1-methoxy-2-propanol
64742-48-9	Naphtha (petroleum), hydrotreated heavy
149-57-5	2-ethylhexanoic acid
79-09-4	propionic acid
7732-18-5	water, distilled, conductivity or of similar purity

· **Canadian Ingredient Disclosure list (limit 0.1%)**

100-41-4	ethylbenzene
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· **Canadian Ingredient Disclosure list (limit 1%)**

1309-37-1	diiron trioxide
8052-41-3	Stoddard solvent
142-82-5	heptane

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

· **Hazard pictograms**



· **Signal word** Danger

· **Hazard-determining components of labeling:**

Solvent naphtha (petroleum), light aliph.
Stoddard solvent

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Distillates (petroleum), hydrotreated light

Naphtha (petroleum), hydrotreated light

2-butanone oxime

· **Hazard statements**

Highly flammable liquid and vapour.

May cause an allergic skin reaction.

May cause genetic defects.

May cause cancer.

Suspected of damaging fertility or the unborn child.

Causes damage to the central nervous system through prolonged or repeated exposure.

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.

Obtain special instructions before use.

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

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

Keep container tightly closed.

Ground and bond container and receiving equipment.

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

Use non-sparking tools.

Take actions to prevent static discharges.

Do not breathe dust/fume/gas/mist/vapours/spray.

Wash thoroughly after handling.

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

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

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

If swallowed: Immediately call a poison center/doctor.

Specific treatment (see on this label).

Do NOT induce vomiting.

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

IF exposed or concerned: Get medical advice/attention.

Get medical advice/attention if you feel unwell.

Take off contaminated clothing and wash it before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

In case of fire: Use for extinction: CO₂, powder or water spray.

Store in a well-ventilated place. Keep cool.

Store locked up.

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

· **National regulations:**

· **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.

· **NFPA ratings (scale 0 - 4)**



Health = 2

Fire = 3

Reactivity = 0

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· **HMIS-ratings (scale 0 - 4)**

HEALTH	2
FIRE	3
REACTIVITY	0

Health = 2

Fire = 3

Reactivity = 0

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:** Product safety department
- **Contact:** UCP PAINT
- **Date of the latest revision of the safety data sheet** 02/25/2019 / -
- **Abbreviations and acronyms:**
 - IMDG: International Maritime Code for Dangerous Goods
 - DOT: US Department of Transportation
 - IATA: International Air Transport Association
 - 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)
 - PBT: Persistent, Bioaccumulative and Toxic
 - vPvB: very Persistent and very Bioaccumulative

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