

Safety Data Sheet

acc. to OSHA HCS

Printing date 11/23/2016

Reviewed on 11/23/2016

1 Identification

- **Product identifier**
- **Trade name:** 90S085 URETHANE VARNISH GLOSS LOW VOC
- **Article number:** 90S085
- **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(s) 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.

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

- **Signal word** Danger

(Contd. on page 2)

Safety Data Sheet

acc. to OSHA HCS

Printing date 11/23/2016

Reviewed on 11/23/2016

Trade name: 90S085 URETHANE VARNISH GLOSS LOW VOC

(Contd. of page 1)

· Hazard-determining components of labeling:*Stoddard solvent**Stoddard solvent**A mixture of: butan-2-one oxime and syn-O,O'-di(butan-2-one oxime)-diethoxysilane***· Hazard statements***Highly flammable liquid and vapour.**May cause an allergic skin reaction.**May cause genetic defects.**May cause cancer.**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.**Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**Use explosion-proof [electrical/ventilating/lighting] equipment.**Do not breathe dust/fume/gas/mist/vapours/spray.**Wear protective gloves/protective clothing/eye protection/face protection.**Ground and bond container and receiving equipment.**Keep container tightly closed.**Use non-sparking tools.**Take actions to prevent static discharges.**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.**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 [or shower].**Specific treatment (see on this label).**IF exposed or concerned: Get medical advice/attention.**If skin irritation or rash occurs: Get medical advice/attention.**Get medical advice/attention if you feel unwell.**Do NOT induce vomiting.**In case of fire: Use for extinction: CO2, powder or water spray.**Take off contaminated clothing and wash it before reuse.**Store locked up.**Store in a well-ventilated place. Keep cool.**Dispose of contents/container in accordance with local/regional/national/international regulations.***· Hazard description:****· WHMIS-symbols:***B2 - Flammable liquid**D2A - Very toxic material causing other toxic effects*

(Contd. on page 3)

CA

Safety Data Sheet

acc. to OSHA HCS

Printing date 11/23/2016

Reviewed on 11/23/2016

Trade name: 90S085 URETHANE VARNISH GLOSS LOW VOC

(Contd. of page 2)

· **Classification system:**· **NFPA ratings (scale 0 - 4)**· **HMIS-ratings (scale 0 - 4)**· **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:**

8052-41-3	Stoddard solvent	10-<25% w/w
616-38-6	dimethyl carbonate	10-<25% w/w
8052-41-3	Stoddard solvent	5-<10% w/w
64742-47-8	Distillates (petroleum), hydrotreated light	1-5% w/w
64742-94-5	Solvent naphtha (petroleum), heavy arom.	1-5% w/w
96-29-7	A mixture of: butan-2-one oxime and syn-O,O'-di(butan-2-one oxime)-diethoxysilane	0.1-<1% w/w

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; 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. 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.

CA

(Contd. on page 4)

Safety Data Sheet

acc. to OSHA HCS

Printing date 11/23/2016

Reviewed on 11/23/2016

Trade name: 90S085 URETHANE VARNISH GLOSS LOW VOC

(Contd. of page 3)

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:** 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.
- **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.
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:** 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.

(Contd. on page 5)

CA

Safety Data Sheet

acc. to OSHA HCS

Printing date 11/23/2016

Reviewed on 11/23/2016

Trade name: 90S085 URETHANE VARNISH GLOSS LOW VOC

(Contd. of page 4)

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

8052-41-3 Stoddard solvent

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

8052-41-3 Stoddard solvent

EL Short-term value: 580 mg/m³
Long-term value: 290 mg/m³
EV Long-term value: 525 mg/m³

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

EL Long-term value: 200 mg/m³
Skin

· **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.
Avoid contact with the eyes.
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

· **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

CA

(Contd. on page 6)

Safety Data Sheet

acc. to OSHA HCS

Printing date 11/23/2016

Reviewed on 11/23/2016

Trade name: 90S085 URETHANE VARNISH GLOSS LOW VOC

(Contd. of page 5)

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Liquid
Color:	Amber colored
Odor:	Aromatic
Odor threshold:	Not determined.

· pH-value: Not determined.

· Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	90 °C

· Flash point: 17 °C

· Flammability (solid, gaseous): Not applicable.

· Ignition temperature: 230 °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: 0.915 g/cm³

· 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: 0.7 %

· 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.

(Contd. on page 7)

Safety Data Sheet

acc. to OSHA HCS

Printing date 11/23/2016

Reviewed on 11/23/2016

Trade name: 90S085 URETHANE VARNISH GLOSS LOW VOC

(Contd. of page 6)

- **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:** 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.

- **Carcinogenic categories**

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

1330-20-7	xylene	3
136-52-7	cobalt bis(2-ethylhexanoate)	2B
100-41-4	ethylbenzene	2B
108-38-3	m-xylene	3

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

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

None of the ingredients is listed.

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.

CA

(Contd. on page 8)

Safety Data Sheet

acc. to OSHA HCS

Printing date 11/23/2016

Reviewed on 11/23/2016

Trade name: 90S085 URETHANE VARNISH GLOSS LOW VOC

(Contd. of page 7)

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, ADN, IMDG, IATA	Void
· UN proper shipping name	
· DOT, TDG, ADN, IMDG, IATA	Void
· Transport hazard class(es)	
· DOT, TDG, ADN, IMDG, IATA	
· Class	Void
· Packing group	
· DOT, TDG, IMDG, IATA	Void
· Environmental hazards:	Not applicable.
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· UN "Model Regulation":	Void

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):
1330-20-7 xylene
136-52-7 cobalt bis(2-ethylhexanoate)
100-41-4 ethylbenzene
111-77-3 2-(2-methoxyethoxy)ethanol
108-38-3 m-xylene
95-63-6 1,2,4-trimethylbenzene
· TSCA (Toxic Substances Control Act):
8052-41-3 Stoddard solvent
616-38-6 dimethyl carbonate
8052-41-3 Stoddard solvent

(Contd. on page 9)

CA

Safety Data Sheet

acc. to OSHA HCS

Printing date 11/23/2016

Reviewed on 11/23/2016

Trade name: 90S085 URETHANE VARNISH GLOSS LOW VOC

(Contd. of page 8)

64742-47-8	Distillates (petroleum), hydrotreated light
64742-94-5	Solvent naphtha (petroleum), heavy arom.
1330-20-7	xylene
64742-88-7	Solvent naphtha (petroleum), medium aliph.
136-52-7	cobalt bis(2-ethylhexanoate)
100-41-4	ethylbenzene
111-77-3	2-(2-methoxyethoxy)ethanol
107-98-2	1-methoxy-2-propanol
64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy
15956-58-8	Hexanoic acid, 2-ethyl- manganese salt
64742-48-9	Naphtha (petroleum), hydrotreated heavy
108-38-3	m-xylene

· Proposition 65
· Chemicals known to cause cancer:

100-41-4 ethylbenzene

· 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:

None of the ingredients is listed.

· Carcinogenic categories
· EPA (Environmental Protection Agency)

1330-20-7	xylene	I
100-41-4	ethylbenzene	D
108-38-3	m-xylene	I

· TLV (Threshold Limit Value established by ACGIH)

1330-20-7	xylene	A4
100-41-4	ethylbenzene	A3
108-38-3	m-xylene	A4

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

None of the ingredients is listed.

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

8052-41-3	Stoddard solvent
616-38-6	dimethyl carbonate
8052-41-3	Stoddard solvent
64742-47-8	Distillates (petroleum), hydrotreated light
64742-94-5	Solvent naphtha (petroleum), heavy arom.
1330-20-7	xylene
64742-88-7	Solvent naphtha (petroleum), medium aliph.
136-52-7	cobalt bis(2-ethylhexanoate)

(Contd. on page 10)

Safety Data Sheet

acc. to OSHA HCS

Printing date 11/23/2016

Reviewed on 11/23/2016

Trade name: 90S085 URETHANE VARNISH GLOSS LOW VOC

(Contd. of page 9)

100-41-4	ethylbenzene
107-98-2	1-methoxy-2-propanol
64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy
15956-58-8	Hexanoic acid, 2-ethyl-manganese salt
64742-48-9	Naphtha (petroleum), hydrotreated heavy
108-38-3	m-xylene
149-57-5	2-ethylhexanoic acid

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

None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 1%)**

8052-41-3	Stoddard solvent
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:**

Stoddard solvent

Stoddard solvent

A mixture of: butan-2-one oxime and syn-O,O'-di(butan-2-one oxime)-diethoxysilane

· **Hazard statements**

Highly flammable liquid and vapour.

May cause an allergic skin reaction.

May cause genetic defects.

May cause cancer.

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.

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

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

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

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

Ground and bond container and receiving equipment.

Keep container tightly closed.

Use non-sparking tools.

Take actions to prevent static discharges.

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.

Obtain special instructions before use.

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

(Contd. on page 11)

Safety Data Sheet

acc. to OSHA HCS

Printing date 11/23/2016

Reviewed on 11/23/2016

Trade name: 90S085 URETHANE VARNISH GLOSS LOW VOC

(Contd. of page 10)

- IF SWALLOWED: Immediately call a POISON CENTER/ doctor.*
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].*
- Specific treatment (see on this label).*
- IF exposed or concerned: Get medical advice/attention.*
- If skin irritation or rash occurs: Get medical advice/attention.*
- Get medical advice/attention if you feel unwell.*
- Do NOT induce vomiting.*
- In case of fire: Use for extinction: CO2, powder or water spray.*
- Take off contaminated clothing and wash it before reuse.*
- 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:**
 - **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:** Product safety department
- **Contact:** UCP PAINT
- **Date of preparation / last revision** 11/23/2016 / -
- **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)
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
LC50: Lethal concentration, 50 percent
SVHC: Substances of Very High Concern