

Safety Data Sheet

Printing date 05/12/2016

Version Number 1.0

Reviewed on 05/12/2016

1 Identification

Product identifier

Trade name: *Silcor™ Primer EPS Part B*

SDS ID Number: 2554

Relevant identified uses of the substance or mixture, and uses advised against

Waterproofing.
Specialty construction product. Not intended for other uses

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

GCP Applied Technologies
62 Whittemore Avenue
Cambridge, MA 02140 USA

GCP Canada, Inc.
294 Clements Road W.
Ajax, Ontario L1S 3C6 Canada

www.gracedarex.com

Information department:

Environmental Health & Safety
USA: +1-617-876-1400 (24 hours)
+1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts
CAN: 1-905-683-8561 (24 hours)

Transport Emergency: Chemtrec +1-800-424-9300 (24 hours)

2 Hazard(s) identification

Classification of the substance or mixture

Flammable liquid and vapor.
Harmful if swallowed.
Causes severe skin burns and eye damage.
Causes serious eye damage.
May cause an allergic skin reaction.
Suspected of damaging fertility or the unborn child.

Label elements: The product is classified and labeled according to the Globally Harmonized System (GHS)

Hazard pictograms



GHS02 GHS05 GHS07 GHS08

Danger

Safety Data Sheet

Printing date 05/12/2016

Version Number 1.0

Reviewed on 05/12/2016

Trade name: *Silcor™ Primer EPS Part B*

(Cont. from page 1)

Hazard statements

Flammable liquid and vapor.
 Harmful if swallowed.
 Causes severe skin burns and eye damage.
 May cause an allergic skin reaction.
 Suspected of damaging fertility or the unborn child.

Precautionary statements

Keep away from heat/sparks/open flames/hot surfaces. No smoking.
 Wear protective gloves / eye protection / face protection.
 Keep container tightly closed.
 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If skin irritation or rash occurs: Get medical advice/attention.

Hazard description: Flammable**NFPA ratings (scale 0 - 4)**

Health = 2
 Fire = 3
 Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = *2
 Flammability = 3
 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 additional nonhazardous ingredients.**Hazardous components:**

64-17-5	Ethanol	5-10%
90-72-2	2,4,6-tris(dimethylaminomethyl)phenol	5-10%
25620-58-0	Trimethylhexane-1,6-diamine	3.0-5.0%
94266-48-5	Pine Extract	3.0-5.0%
80-05-7	bisphenol A	1.0-3.0%

Additional information: For the wording of the listed hazard phrases refer to section 16.**4 First-aid measures****Description of first aid measures****General information:** Get medical advice/attention if you feel unwell.

(Cont. on page 3)

USGHS

Safety Data Sheet

Printing date 05/12/2016

Version Number 1.0

Reviewed on 05/12/2016

Trade name: *Silcor™ Primer EPS Part B*

(Cont. from page 2)

After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

After skin contact:

Take off immediately all contaminated clothing, and wash immediately with plenty of soap and water. Seek medical treatment.

After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

Rinse mouth.

Do not induce vomiting; immediately call for medical help.

Information for doctor:

Most important symptoms and effects, both acute and delayed Irritating to eyes.

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.

Special hazards arising from the substance or mixture No further relevant information available.

Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

Environmental precautions: Avoid release to the environment.

Methods and material for containment and cleaning up:

Dispose contaminated material as waste according to section 13 of the SDS.

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**

Risk of serious damage to eyes.

Prevent formation of aerosols.

(Cont. on page 4)

USGHS

Safety Data Sheet

Printing date 05/12/2016

Version Number 1.0

Reviewed on 05/12/2016

Trade name: *Silcor™ Primer EPS Part B*

(Cont. from page 3)

Flammable mixtures with air can be formed in emptied containers. Do not puncture, cut, drill, heat or weld uncleaned drums.

Avoid contact with skin.

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Use only in explosion protected area.

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

Empty containers may retain hazardous residue, both liquid and vapor.

Conditions for safe storage, including any incompatibilities**Storage:**

Information about storage in one common storage facility: Storage temperature 5-30 °C.

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:****64-17-5 Ethanol**

PEL (USA GHS)	Long-term value: 1900 mg/m ³ , 1000 ppm
REL (USA GHS)	Long-term value: 1900 mg/m ³ , 1000 ppm
TLV (USA GHS)	Short-term value: 1880 mg/m ³ , 1000 ppm

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

Exposure controls**Personal protective equipment:****General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Breathing equipment:

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

Protection of hands: Protective gloves

Material of gloves Nitrile rubber.

Eye protection: Tightly sealed goggles

(Cont. on page 5)

USGHS

Safety Data Sheet

Printing date 05/12/2016

Version Number 1.0

Reviewed on 05/12/2016

Trade name: *Silcor™ Primer EPS Part B*

(Cont. from page 4)

Body protection:

Use personal protective equipment as required.

Take off contaminated clothing.

9 Physical and chemical properties**Information on basic physical and chemical properties****General Information****Appearance:**

Form:	Liquid
Color:	According to product specification
Odor:	Typical.
Odor threshold:	Not determined.

pH-value (~): Not determined.

Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.
Flash point:	35 °C (95 °F)

Flammability (solid, gaseous): Not applicable.

Decomposition temperature:	Not determined.
Auto igniting:	Product is not selfigniting.
Danger of explosion:	In use, may form flammable/explosive vapor-air mixture.

Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

Vapor pressure:	< 1 mbar at 20 °C
Density: (~)	Not determined.
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.
Molecular weight	Not applicable.

Other information No further relevant information available.

10 Stability and reactivity

Reactivity Stable under normal conditions.

Chemical stability

Thermal decomposition: No decomposition if used according to specifications.

Conditions to avoid No further relevant information available.

(Cont. on page 6)

USGHS

Safety Data Sheet

Printing date 05/12/2016

Version Number 1.0

Reviewed on 05/12/2016

Trade name: *Silcor™ Primer EPS Part B*

(Cont. from page 5)

Incompatible materials: No further relevant information available.**Hazardous decomposition products:** Carbon monoxide and carbon dioxide**11 Toxicological information****Information on toxicological effects****Acute toxicity:****LD/LC50 values relevant for classification:****64-17-5 Ethanol**

Dermal	LD50	7060 mg/kg (rat)
Inhalation	LC50, 4h	20000 mg/l (rat)

90-72-2 2,4,6-tris(dimethylaminomethyl)phenol

Oral	LD50	2169 mg/kg (rat) (OECD 401)
Dermal	LD50	1242 mg/kg (rabbit)

80-05-7 bisphenol A

Oral	LD50	>2000 mg/kg (rat) (OECD 401)
Dermal	LD50	3250 mg/kg (rat)
	LD50	3000 mg/kg (rabbit)
Inhalation	LC50, 6h	170 mg/m ³ (rat)
	LC50, 96h (dynamic)	9.4 mg/l (fish) (OECD 203)

Primary irritant effect:**on the skin:** Caustic effect on skin and mucous membranes.**on the eye:** Causes serious eye damage.**inhalation:** No irritating effect expected**Ingestion:** Harmful if swallowed.**Sensitization:** Sensitization possible through skin contact.**Additional toxicological information:**

Suspected of damaging fertility or the unborn child.

NOTE: IARC listing of ethanol is specific for ethanol in alcoholic beverages.

Carcinogenic categories**IARC (International Agency for Research on Cancer) Human Carcinogenicity:**
Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable

64-17-5 Ethanol

1

NTP (National Toxicology Program)**K–Known to be carcinogenic, R–May reasonably be anticipated to be carcinogenic**

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

USGHS

(Cont. on page 7)

Safety Data Sheet

Printing date 05/12/2016

Version Number 1.0

Reviewed on 05/12/2016

Trade name: *Silcor™ Primer EPS Part B*

(Cont. from page 6)

12 Ecological information**Toxicity****Aquatic toxicity:****90-72-2 2,4,6-tris(dimethylaminomethyl)phenol**

EC50, 72h | 84 mg/l (algae) (OECD 201)

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:** 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.

Uncleaned packagings:**Recommendation:** Disposal must be made according to official regulations.**14 Transport information****UN-Number**

DOT, ADR, IMDG, IATA UN1866

UN proper shipping nameDOT, ADR Resin solution
IMDG, IATA RESIN SOLUTION**Transport hazard class(es)**

DOT



Class

3 Flammable liquids

(Cont. on page 8)

USGHS

Safety Data Sheet

Printing date 05/12/2016

Version Number 1.0

Reviewed on 05/12/2016

Trade name: *Silcor™ Primer EPS Part B*

(Cont. from page 7)

Label 3

ADR, IMDG, IATA



Class 3 Flammable liquids
Label 3

Packing group

DOT, ADR, IMDG, IATA III

Environmental hazards: Not applicable.**Special precautions for user** Warning: Flammable liquids**Danger code (Kemler):** 30**EMS Number:** F-E,S-E**Stowage Category** A**Transport/Additional information:****ADR**

Excepted quantities (EQ) Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml

IMDG

Limited quantities (LQ) 5L
Excepted quantities (EQ) Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml

15 Regulatory information**SARA (Superfund Amendments and Reauthorization Act)****Section 302/304 (extremely hazardous substances):**

None of the ingredients is listed.

Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):

80-05-7 | bisphenol A 2.1%

SARA Section 312/Tier I & II Hazard Categories:

Health Immediate (acute)	Yes
Health Delayed (chronic)	Yes
Flammable	Yes
Reactive	No
Pressure	No

North America Chemical Inventory Status**TSCA (Toxic Substances Control Act - United States):**

All ingredients are listed or exempt from listing unless otherwise noted below.

CEPA (Canadian DSL):

All ingredients are listed or exempt from listing unless otherwise noted below.

California Proposition 65**Chemicals known to cause cancer:**

None of the ingredients is listed.

(Cont. on page 9)

USGHS

Safety Data Sheet

Printing date 05/12/2016

Version Number 1.0

Reviewed on 05/12/2016

Trade name: *Silcor™ Primer EPS Part B*

(Cont. from page 8)

Chemicals known to cause reproductive toxicity for females:

80-05-7 | bisphenol A

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.

Carcinogenicity Categories**EPA (Environmental Protection Agency)**

None of the ingredients is listed.

**TLV-ACGIH (THE American Conference of Governmental Industrial Hygienists)
Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable**

Ethanol

A3

NIOSH-Cancer (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

Volatile Organic Compounds (VOC) reported per the Emission Standards. 90.0 g/l / 0.75 lb/gl**16 Other information**

The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection.

Department issuing SDS:

GCP Applied Technologies
62 Whittemore Avenue
Cambridge, MA 02140 USA
USA: +1-617-876-1400 (24 hours)
+1-800-354-5414

Other Information:

In the previous SDS, version control was by Issue Number and Date. With the change to automated SDS creation software, version control is now based on printing and review dates which appear at the top of each page. Also consequent on this change, amendments have been made in all Sections of this SDS. In future updates to SDS, amended sections will be indicated by an asterisk (*) in the left-hand margin.

Date of preparation / last revision 05/12/2016 / -

The first date of preparation 09/08/2015

Number of revision times and the latest revision date 1.0 / 05/12/2016

USGHS