

1 Identification

Product identifier

Trade name: Silcor Top Coat 70 - Part B

SDS ID Number: 2797

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

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)
Email address: msds.gcp@gcpat.com

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

2 Hazard(s) identification

Classification of the substance or mixture

Flammable liquid and vapor.

May cause genetic defects.

May cause cancer.

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

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

Hazard pictograms



GHS02 GHS08

Danger

Hazard statements

Flammable liquid and vapor.

May cause genetic defects.

May cause cancer.

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

Precautionary statements

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

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Keep away from heat/sparks/open flames/hot surfaces. No smoking.
 Keep container tightly closed.
 Take precautionary measures against static discharge.
 Ground/bond container and receiving equipment.
 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 IF exposed or concerned: Get medical advice/attention.
 Store in a well-ventilated place. Keep cool.

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

Health = 2
 Fire = 2
 Reactivity = 1

HMIS-ratings (scale 0 - 4)

Health = 2
 Flammability = 2
 Reactivity = 1

Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**3 Composition/information on ingredients****Chemical characterization: Mixture****Description:** Mixture of the hazardous substance(s) listed below with additional nonhazardous ingredients.**Hazardous components:**

108-65-6	2-Propanol, 1-methoxy-, acetate	10-20%
112926-00-8	Silica, amorphous, precipitated and gel	5-10%
8052-41-3	Stoddard solvent	5-10%
	Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy, phosphate	5-10%

Additional information: Non-hazardous ingredients may be listed in Section 15; Right-To-Know disclosure.**4 First-aid measures****Description of first aid measures****General information:** Get medical advice/attention if you feel unwell.**After skin contact:**

Immediately wash contaminated skin with soap or mild detergent and water. If this chemical soaks clothing, immediately remove clothing and wash skin.

After eye contact: Rinse cautiously with water for several minutes.**After swallowing:**

Rinse mouth.

Do NOT induce vomiting.

Information for doctor:**Most important symptoms and effects, both acute and delayed** No further relevant information available.

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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, extinguishing powder or water spray. Fight larger fire with 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.

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: Prevent seepage into sewage system, workpits and cellars.

Methods and material for containment and cleaning up:

Contain and/or absorb spill with inert material (i.e. sand, vermiculite) then place in a suitable container.

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

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

Avoid contact with eyes, skin and clothing.

Do not take internally.

Practice good personal hygiene to avoid ingestion.

Use only with adequate ventilation.

Wash clothing before reuse.

FOR PROFESSIONAL USE ONLY. KEEP OUT OF CHILDREN'S REACH.

Information about protection against explosions and fires:



Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

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

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

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

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Conditions for safe storage, including any incompatibilities**Storage:****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:****108-65-6 2-Propanol, 1-methoxy-, acetate**

WEEL (USA) Long-term value: 50 ppm

112926-00-8 Silica, amorphous, precipitated and gelPEL (USA) 20mppcf or 80mg/m³ /%SiO₂REL (USA) Long-term value: 6 mg/m³
See Pocket Guide App. C

TLV (USA) TLV withdrawn

8052-41-3 Stoddard solventPEL (USA) Long-term value: 2900 mg/m³, 500 ppmREL (USA) Long-term value: 350 mg/m³
Ceiling limit value: 1800* mg/m³
*15-minTLV (USA) Long-term value: 525 mg/m³, 100 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.

Store protective clothing separately.

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.).

Isocyanates (contained in Part A and in mixed components) are known as respiratory sensitizers. Consult additional respiratory protection measures for Part A.

Protection of hands: Rubber or other impervious gloves should be worn to prevent skin contact.**Eye protection:**

Safety glasses with side shield protection.



A face shield should also be worn if there is potential exposure to splash or spray.

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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:	Medium viscosity liquid with some thixotropy.
Form:	Liquid
Color:	According to product specification
Odor:	Characteristic
Odor threshold:	Not determined.

pH-value (~): Not determined.

Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	146.4 °C (296 °F)
Flash point:	42 °C (108 °F)

Flammability (solid, gaseous): Flammable

Decomposition temperature:	Not determined.
Auto igniting:	Product is not selfigniting.
Auto-ignition temperature:	471 °C
Danger of explosion:	In use, may form flammable/explosive vapor-air mixture.

Explosion limits:

Lower:	1.5 Vol %
Upper:	10.8 Vol %
VOC Content (max):	Not determined.

Vapor pressure at 20 °C (68 °F):	3.4 hPa (3 mm Hg)
Density: (~)	Not determined.
Relative density at 20 °C (68 °F)	0.8
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 at 25 °C (77 °F):	85 KR
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.

Possibility of hazardous reactions No further relevant information available.

Conditions to avoid No further relevant information available.

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Incompatible materials: Strong oxidizers.**Hazardous decomposition products:** Carbon monoxide and carbon dioxide**11 Toxicological information****Information on toxicological effects****Acute toxicity:****LD/LC50 values relevant for classification:****13463-67-7 Titanium dioxide**

Oral LD50 > 5000 mg/kg (rat)

108-65-6 2-Propanol, 1-methoxy-, acetate

Oral	LD50	8532 mg/kg (rat)
Dermal	LD50	8500 mg/kg (rat)
Inhalation	LD50	>5000 mg/kg (rat) ((cutaneous))
	LC50, 4h	35.7 mg/l (rat)
	CL50, 4h	35700 mg/m ³ (rat)

Primary irritant effect:**on the skin:** May be harmful in contact with skin.**on the eye:** Causes eye irritation and may cause conjunctivitis.**inhalation:** Harmful if inhaled.**Sensitization:** May cause drowsiness or dizziness.**Respiratory sensitization** May cause respiratory irritation.**Additional toxicological information:**

The product can cause inheritable damage.

13463-67-7 Titanium dioxideInhalation NOAEC 10 mg/m³ (rat)**Carcinogenic categories****IARC (International Agency for Research on Cancer) Human Carcinogenicity:****Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable**

13463-67-7	Titanium dioxide	2B
112926-00-8	Silica, amorphous, precipitated and gel	3

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.

12 Ecological information**Toxicity****Aquatic toxicity:****108-65-6 2-Propanol, 1-methoxy-, acetate**

CL50, 96h	>100 mg/l (fish) ((OECD 203))
CE50, 48h	408 mg/l (daphnia magna) ((OECD 202))
CE50, 72h	>1000 mg/l (algae) ((OECD 201))

Persistence and degradability No further relevant information available.

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Behavior in environmental systems:**Bioaccumulative potential** No further relevant information available.**Mobility in soil** No further relevant information available.**Additional ecological information:****General notes:** Not known to be hazardous to water.**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**Other adverse effects** No further relevant information available.**13 Disposal considerations****Disposal methods:**

Consult all regulations (federal, state, provincial, local) or a qualified waste disposal firm when characterizing product for disposal. Dispose of waste in accordance with all applicable regulations.

Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:**Recommendation:** Dispose of contents/container in accordance with local/regional/national/international regulations.**14 Transport information****UN-Number**

IMDG, IATA UN1139

UN proper shipping name

IMDG, IATA COATING SOLUTION

Transport hazard class(es)

IMDG, IATA

Class 3 Flammable liquids
Label 3**Packing group**

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

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Transport/Additional information:**DOT****Remarks:** Not regulated for non-bulk over the road shipments.**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

UN "Model Regulation": UN 1139 COATING SOLUTION, 3, III**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):

None of the ingredients is listed.

SARA Section 312/Tier I & II Hazard Categories:

Physical Hazard - Flammable (gases, aerosols, liquids, or solids)

Health Hazard - Carcinogenicity

Health Hazard - Specific target organ toxicity (single or repeated exposure)

Health Hazard - Germ cell mutagenicity

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.

Right to Know Ingredient Disclosure:

13463-67-7 | Titanium dioxide

21645-51-2 | Aluminium Trihydrate

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

Titanium dioxide

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.

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**

Titanium dioxide

A4

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

13463-67-7 | Titanium dioxide

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Volatile Organic Compounds (VOC) reported per the Emission Standards. 320 g/L**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
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