Safety Data Sheet

Printing date 03/30/2017 **Version Number 1.1** **Reviewed on 03/30/2017**

*

1 Identification

Product identifier

Trade name: ***PROCOR 75 LOW VISCOSITY SPRAY GRADE, PART A***

SDS ID Number: 60152

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

Harmful if inhaled.
Causes severe skin burns and eye damage.
Causes serious eye damage.
May cause respiratory irritation.
May be fatal if swallowed and enters airways.

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

Hazard pictograms

GHS05 GHS07 GHS08

Danger

Hazard statements
Harmful if inhaled.
Causes severe skin burns and eye damage.
May cause respiratory irritation.
May be fatal if swallowed and enters airways.
Precautionary statements
Avoid breathing dust/fume/gas/mist/vapors/spray
Wear protective gloves/protective clothing/eye protection/face protection.
IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

(Cont. on page 2)

Safety Data Sheet

Trade name: *PROCOR 75 LOW VISCOSITY SPRAY GRADE, PART A*

(Cont. from page 1)

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 swallowed: Rinse mouth. Do NOT induce vomiting.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER/doctor if you feel unwell.

Hazard description:

Product supplied as two component package and part A reacts with partB (and with water).
Mixed A&B product may reach temperatures of 300°F.
Contact with hot materials will result in burns. Material is sticky and will adhere to skin.
Do not seal containers once mixed or contaminated with water, containers may explode due to pressure from the reaction.
Fumes may evolve if unused mixed product is allowed to sit in containers or if thicknesses exceed 120 mils.

NFPA ratings (scale 0 - 4)

Health = 1
Fire = 1
Reactivity = 1

HMIS-ratings (scale 0 - 4)

Health = 2
Flammability = 1
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:		
64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic	50-100%
1305-78-8	Calcium oxide	30-50%
1314-13-2	Zinc oxide	1.0-3.0%

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 inhalation:
If symptoms develop, supply fresh air. If required, provide artificial respiration and seek immediate medical treatment.

After skin contact:
In case of skin contact, clean fingernails and wash skin with soap and water. If residue remains clean with waterless hand-cleaner or abrasive soap. Never use solvents.
If discomfort or irritation persists, consult a physician.
Remove contaminated clothing and wash before reuse.

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

(Cont. on page 3)

Safety Data Sheet

Trade name: *PROCOR 75 LOW VISCOSITY SPRAY GRADE, PART A*

(Cont. from page 2)

After swallowing:

Rinse mouth.

Do NOT induce vomiting.

Never give anything by mouth to an unconscious person.

Information for doctor:

Most important symptoms and effects, both acute and delayed Harmful: may cause lung damage if swallowed.

Indication of any immediate medical attention and special treatment needed No further relevant information available.

*

5 Fire-fighting measures

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.
Oils spills released directly to waterways may be subject to reporting requirements. Immediately contact your company's environmental coordinator.

Methods and material for containment and cleaning up:

Use neutralizing agent.

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.
Avoid contact with eyes, skin and clothing. Wash clothing before reuse.
Do not take internally. Practice good personal hygiene to avoid ingestion. Promptly cleanse hands after handling.
Use only with adequate ventilation.
Fumes may also be released if unused mixed product is allowed to sit in containers or if thickness exceed 120 ml.
Do not touch material until cured and cool. Hot product will adhere to
skin and will result in burns
FOR PROFESSIONAL USE ONLY. KEEP OUT OF CHILDREN'S REACH.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities

Storage:

Information about storage in one common storage facility: No special measures required.

(Cont. on page 4)

Safety Data Sheet

Trade name: *PROCOR 75 LOW VISCOSITY SPRAY GRADE, PART A*

(Cont. from page 3)

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:	
1314-13-2 Zinc oxide	
PEL (USA)	Long-term value: 15* 5** mg/m³ *total dust **respirable fraction and fume
REL (USA)	Short-term value: 10** mg/m³ Long-term value: 5 mg/m³ Ceiling limit value: 15* mg/m³ *dust only **fume
TLV (USA)	Short-term value: 10* mg/m³ Long-term value: 2* mg/m³ *as respirable fraction

Additional Occupational Exposure Limit Values for possible hazards during processing:
Respirable Quartz (Crystalline silica) can result in lung disease (i.e. silicosis and or lung cancer). However, due to the physical nature of this product (liquid) exposures are not expected unless after product dries it is abraded and airborne dust is created.

Additional information:

The lists that were valid during the creation were used as basis.
Use good personal hygiene practices.
Carbon disulfide and other potentially harmful gases, vapors and fumes may evolve as a result of exothermic reactions ("hot product") when components are mixed. Carbon disulfide may be detected by odor at about 1 ppm, but the ability to smell fatigues (diminishes) rapidly therefore, odor does not serve as a good warning property. If eye or respiratory irritation is present, or if a foul odor is detected, you may be experiencing exposure to Carbon disulfide and other organics. Leave the area immediately and seek fresh air.
Work/Hygienic Practices:
Use good personal hygiene practices.
Carbon disulfide and other potentially harmful gases, Methanol vapors and fumes may evolve as a result of exothermic reactions ("hot product") when components are mixed. Carbon disulfide may be detected by odor at about 1 ppm, but the ability to smell fatigues (diminishes) rapidly therefore, odor does not serve as a good warning property. If eye or respiratory irritation is present, or if a foul odor is detected, you may be experiencing exposure to Carbon disulfide and other organics. Leave the area immediately and seek fresh air.

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.).
During spray applications, the use of a NIOSH approved dust/mist respirator such as a Type P-95 is required. The specified respirator may not adequately protect against exposure during actual working conditions, which must be assessed before and throughout product application. (See Work/Hygienic Practices.)

Protection of hands: Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Material of gloves
Impervious (PVC, or nitrile) gloves should be worn anytime direct contact is possible.

Nitrile rubber.

(Cont. on page 5)

Safety Data Sheet

Trade name: *PROCOR 75 LOW VISCOSITY SPRAY GRADE, PART A*

(Cont. from page 4)

Rubber or other impervious gloves should be worn to prevent skin contact.

Eye protection:

Safety glasses with side shield protection.

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:	Characteristic
Odor threshold:	Not determined.
pH-value (~):	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.
Flash point:	Not applicable.
Flammability (solid, gaseous):	Not applicable.
Decomposition temperature:	Not determined.
Auto igniting:	Not determined.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
VOC Content (max):	Not determined.
Vapor pressure:	Not determined.
Density: (~) at 20 °C (68 °F)	1.3 g/cm³ (10.849 lbs/gal)
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.

(Cont. on page 6)

Safety Data Sheet

Trade name: *PROCOR 75 LOW VISCOSITY SPRAY GRADE, PART A*

(Cont. from page 5)

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.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: Carbon dioxide and toxic fumes of zinc oxide.

*

11 Toxicological information

Information on toxicological effects

Acute toxicity:

Primary irritant effect:

on the skin: Causes severe skin burns and eye damage.

on the eye: Causes serious eye damage.

inhalation: Harmful if inhaled.

Ingestion: Harmful: may cause lung damage if swallowed.

Additional toxicological information:

Carcinogenic categories

IARC (International Agency for Research on Cancer) Human Carcinogenicity: Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable		
14808-60-7	Quartz (SiO2)	1

NTP (National Toxicology Program) K–Known to be carcinogenic, R–May reasonably be anticipated to be carcinogenic		
14808-60-7	Quartz (SiO2)	K

OSHA-Ca (Occupational Safety & Health Administration)	
1314-13-2	Zinc oxide

*

12 Ecological information

Toxicity

Aquatic toxicity:	
1314-13-2 Zinc oxide	
EC50, 72h	0.14 mg/l (algae)

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.

Ecotoxical effects:

Remark: Harmful to fish

Additional ecological information:

General notes:

Harmful to aquatic organisms

Must not reach bodies of water or drainage ditch undiluted or unneutralized.

(Cont. on page 7)

Safety Data Sheet

Trade name: *PROCOR 75 LOW VISCOSITY SPRAY GRADE, PART A*

(Cont. from page 6)

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 **DOT, IMDG, IATA**	Not applicable.
UN proper shipping name **DOT, IMDG, IATA**	Not applicable.
Transport hazard class(es) **DOT, IMDG, IATA** **Class**	Not applicable.
Packing group **DOT, IMDG, IATA**	Not applicable.
Environmental hazards: **Marine pollutant:**	No
Special precautions for user	Not applicable.
Transport/Additional information:	Not classified as a dangerous good for transport by road, rail or air.
DOT **Remarks:**	Not Regulated.
UN "Model Regulation":	Not applicable.

*
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):		
1314-13-2	Zinc oxide	1.7%

(Cont. on page 8)

Safety Data Sheet

Trade name: *PROCOR 75 LOW VISCOSITY SPRAY GRADE, PART A*

(Cont. from page 7)

SARA Section 312/Tier I & II Hazard Categories:
Health Hazard - Acute toxicity (any route of exposure)
Health Hazard - Skin Corrosion or Irritation
Health Hazard - Serious eye damage or eye irritation
Health Hazard - Specific target organ toxicity (single or repeated exposure)
Health Hazard - Aspiration Hazard

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:	
14808-60-7	Quartz (SiO2)
	Proprietary - Castor oil based ester - NJ801415063P

California Proposition 65

Chemicals known to cause cancer:
Quartz (SiO2)
lead
cadmium (non-pyrophoric)

Chemicals known to cause reproductive toxicity for females:	
7439-92-1	lead

Chemicals known to cause reproductive toxicity for males:	
7439-92-1	lead
7440-43-9	cadmium (non-pyrophoric)

Chemicals known to cause developmental toxicity:	
7439-92-1	lead
7440-43-9	cadmium (non-pyrophoric)

Carcinogenicity Categories

EPA (Environmental Protection Agency)		
1314-13-2	Zinc oxide	D, I, II

TLV-ACGIH (THE American Conference of Governmental Industrial Hygienists) **Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable**	
Quartz (SiO2)	A2

NIOSH-Cancer (National Institute for Occupational Safety and Health)	
14808-60-7	Quartz (SiO2)

Volatile Organic Compounds (VOC) reported per the Emission Standards. 75 g/L (as applied)

*

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:

There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis. Therefore preventing the onset of silicosis will also reduce the cancer risk.

(Cont. on page 9)

Safety Data Sheet

Trade name: *PROCOR 75 LOW VISCOSITY SPRAY GRADE, PART A*

(Cont. from page 8)

Date of preparation / last revision 03/30/2017 / 1.0

The first date of preparation 02/03/2012

Number of revision times and the latest revision date 1.1 / 03/30/2017