

1 Identification of substance

Product details

Trade name: Grace Top Cast 03®

MSDS ID Number: D-06579

Manufacturer/Supplier:

W.R. Grace & Co. -Conn.
62 Whittemore Avenue
Cambridge, MA 02140 USA

Information department:

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

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

2 Composition/Data on components

Chemical characterization

Description: Mixture of the substances listed below with nonhazardous additions.

Hazardous components:

57-55-6	Propylene glycol	5.0-10.0%
26172-55-4	5-chloro-2-methyl-2H-isothiazol-3-one	0.0-1.0%
87-69-4	(+)-tartaric acid	2.0-5.0%

Additional information: For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

Hazard description:

Irritant

Information pertaining to particular dangers for man and environment:

May cause sensitization by skin contact.

Potential Health Effects:

Inhalation: May cause respiratory tract irritation.

Eye Contact: May be irritating to the eyes.

Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

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Reviewed on 01/13/2010

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NFPA ratings (scale 0 - 4)

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Health = 1

Fire = 1

Reactivity = 0

HMIS-ratings (scale 0 - 4)



Health = *1

Flammability = 1

Reactivity = 0

* 4 First aid measures

After inhalation:

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

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.

If skin irritation continues, consult a doctor.

After eye contact:

Rinse opened eye for several minutes under running water.

Seek immediate medical advice.

After swallowing: Do not induce vomiting; immediately call for medical help.

5 Fire fighting measures

Suitable extinguishing agents:

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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

6 Accidental release measures

Person-related safety precautions: Wear protective equipment. Keep unprotected persons away.

Measures for environmental protection: Dilute with plenty of water.

Measures for cleaning/collecting:

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

Sweep up spilled product into receptacles.

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

* **7 Handling and storage****Handling:****Information for safe handling:**

Open and handle receptacle with care.

Prevent formation of aerosols.

Information about protection against explosions and fires:

Empty containers may retain hazardous residue, both liquid and vapor. Do not cut, drill or weld on or near container, whether empty or full.

Storage:**Information about storage in one common storage facility:** No special measures required.**Further information about storage conditions:** None.* **8 Exposure controls and personal protection****Additional information about design of technical systems:** No further data; see item 7.**Components with limit values that require monitoring at the workplace:**

57-55-6 Propylene glycol

WEEL 10 mg/m³**Additional information:** The lists that were valid during the creation were used as basis.**Personal protective equipment:****General protective and hygienic measures:** Avoid contact with the eyes and skin.**Breathing equipment:**

Respiratory protection is not normally required. If a vapor or mist is created, use an approved dust/mist respirator (NIOSH N95).

Protection of hands:

Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Material of gloves

Gloves should be impermeable and resistant to the product. Selection of material should be considered before use.

Eye protection:

Face protection



Tightly sealed goggles

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Safety glasses with side shields should be worn to prevent contact due to splashing. Under high vapor mist concentrations, tightly sealed goggles should be worn.

Body protection: Protective work clothing

9 Physical and chemical properties

General Information

Form: Liquid
Color: According to product specification
Odor: Characteristic

Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: 100°C (212°F)
Flash point: > 100°C (> 212°F)
Method: (estimated) Aqueous system.
Auto igniting: Product is not selfigniting.
Danger of explosion: Product does not present an explosion hazard.
Density at 20°C (68°F): 1.00 - 1.04 g/cm³
pH-value at 20°C (68°F): 2.0 - 4.0

10 Stability and reactivity

Thermal decomposition: No decomposition if used according to specifications.

Dangerous products of decomposition: Carbon monoxide and carbon dioxide

Additional information: See section 7 for information on handling, storage and conditions to be avoided.

11 Toxicological information

Acute toxicity:

Primary irritant effect:

on the skin: May be irritating to the skin on prolonged contact

Sensitization: Sensitization possible through skin contact.

12 Ecological information

Additional ecological information:

General notes:

Slightly hazardous for water

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Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

Product: Comply with Federal, State and local regulations.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

DOT regulations:

Hazard class: -

Remarks: Not Regulated for DOT

Land Transport ADR/RID (cross-border):

ADR/RID class: -
Not Regulated for ADR/RID

Maritime Transport IMDG:

IMDG Class: -
Not Regulated for IMDG

Marine pollutant: No

Air Transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: -
Not Regulated for ICAO and IATA

15 Regulations

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:

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

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National 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:**

123-91-1 | 1,4-dioxane

75-21-8 | Ethylene oxide

Chemicals known to cause reproductive toxicity for females:

75-21-8 | Ethylene oxide

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.

WHMIS Classification(s):

D2B - Toxic material causing other toxic effects

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

None of the ingredients is listed.

IARC (International Agency for Research on Cancer)

13463-67-7 | Titanium dioxide

NTP (National Toxicology Program)

None of the ingredients is listed.

TLV-ACGIH (Threshold Limit Value for Carcinogens established by ACGIH)

13463-67-7 | Titanium dioxide

A4

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

13463-67-7 | Titanium dioxide

OSHA-Cancer (Occupational Safety & Health Administration)

None of the ingredients is listed.

National Volatile Organic Emission Standards for Architectural Coatings: 609.0 g/l / 5.08 lb/gal**European EINECS**

All ingredients are listed.

Inventory of Existing Chemical Substances manufactured or imported in China IECSC

Not determined.

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Existing and New Chemical Substance List ENCS

Not determined.

ENCA/MITI

Not determined.

Korean Existing Chemical Inventory

Not determined.

Product related hazard information:**Hazard symbols:**

Irritant

Hazard-determining components of labelling:

5-chloro-2-methyl-2H-isothiazol-3-one

Risk phrases:

May cause sensitization by skin contact.

Safety phrases:

Keep out of the reach of children.

Do not breathe gas/fumes/vapor/spray.

Avoid contact with skin and eyes.

Wear suitable gloves.

If swallowed, seek medical advice immediately and show this container or label.

Dispose of this material and its container at hazardous or special waste collection point

This material and its container must be disposed of as hazardous waste.

Non-hazardous Ingredients

7732-18-5 | Water

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."

USA