

SDS No. 14-1-002-(1)-E , Ceramic Primer II

SAFETY DATA SHEET

Number: 14-1-002-(1)-E

Date prepared: 2014 May 23

Date revised: 2016 Jan 29

1. Chemical Product and Company Identification

Product code: -

Product name: Ceramic Primer II

Manufacturer/Supplier:

GC Corporation, 76-1 Hasunuma-Cho, Itabashi-Ku, Tokyo, Japan

Postal code 174-8585, Phone 81-3-3965-1388

2. Hazards Identification

Pictograms of hazard symbol (referring to Ethanol)



Emergency Overview:

Highly flammable. May cause irritation to eyes and skin. May cause sensitization by skin contact.

Potential Health Effects

Eye: Irritating eyes with redness and pain.

Skin: Irritating skin. Symptoms include redness, itching and pain. May cause allergic skin reactions

Inhalation: Inhalation of vapors irritates the respiratory tract.

Ingestion: May cause diarrhea, nausea and vomiting.

3. Composition / Information on Ingredients

(% chemical components by WT)

γ -Methacryloxypropyltrimethoxysilane	Trace
Phosphoric acid ester monomer	Trace
Methacrylate monomer	Trace
Ethanol (CAS 64-17-5)	90-100%

4. First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes. If symptoms persist, get medical attention.

Skin: Immediately wash with water and soap and rinse thoroughly. Get medical attention, if irritation develops.

Ingestion: If symptoms persist, get medical attention.

Inhalation: Supply fresh air and get medical attention if symptoms persist.

5. Fire Fighting Measures

(Referring to ethanol)

5.1 Extinguishing media**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

no data available

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

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Use water spray to cool unopened containers.

6. Accidental Release Measures

Eliminate source of ignition. Wear protective equipment and keep unprotected persons away.

Do not allow product to reach sewage system or any watercourse. Prevent seepage into sewage system, workpits and cellars.

Inform respective authorities in case of seepage into watercourse or sewage system.

Measures for environmental protection: Do not flush to sewer.

Measures for cleaning/collections: Absorb with liquid-binding material. (sand, diatomite, acid binders, universal binders, sawdust), and place in a chemical waste container. Ensure adequate ventilation.

7. Handling and Storage

Handling:

Keep Ignition sources away – Do not smoke.

Ensure good ventilation/exhaustion at workplace.

Storage:

Store in cool, dry conditions in well sealed receptacles. Keep receptacle tightly sealed.

8. Exposure Controls, Personal Protection

(Referring to ethanol)

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

Personal protective equipment

Eye/face protection

Skin protection

Body Protection

Respiratory protection

9. Physical and Chemical Properties

(Referring to ethanol)

Appearance: Light yellowish liquid.

Odor: Slight odor like ester

Melting point/range: -114 °C

Initial boiling point 78 °C

Flash point 14,0 °C - closed cup

Evaporation rate: no data available

Flammability (solid, gas): no data available

Upper/lower flammability or explosive limits

Upper explosion limit: 19 %(V)

Lower explosion limit: 3,3 %(V)

Vapour pressure 59,5 hPa at 20,0 °C

Vapour density no data available

Relative density 0,789 g/mL at 25 °C

Water solubility completely soluble

Partition coefficient: noctanol/water: no data available

Auto-ignition 363 °C

10. Stability and Reactivity

Stability: Stable

Incompatibility: None

Hazardous Decomposition Products: No dangerous decomposition products known.

Hazardous Polymerization: No dangerous polymerization known.

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11. Toxicological Information

(Referring to ethanol)

Acute toxicity

LD50 Oral - rat - 7.060 mg/kg

Remarks: Lungs, Thorax, or Respiration: Other changes.

LC50 Inhalation - rat - 10 h - 20000 ppm

Skin corrosion/irritation

Skin - rabbit

Result: No skin irritation - 24 h

(OECD Test Guideline 404)

Serious eye damage/eye irritation

Eyes - rabbit

Result: Mild eye irritation - 24 h

(OECD Test Guideline 405)

12. Ecological Information

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

13. Disposal Considerations

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

Disposal must be made according to the local official regulations.

14. Transport Information

IMO Regulations (IMDG):

Class: 3

UN Number: 1170

Packing Group: II

Marine Pollutant: No

Proper Shipping Name: Ethanol

ICAO and IATA Regulations:

Class: 3

UN Number: 1170

Packing Group: II

Proper Shipping Name: Ethanol

15. Regulatory Information

Chemical Inventory Status –

Ethanol (CAS 64-17-5)

EU Classification

Symbol: F

R: 11

S: (2-)-7-16

16. Other Information

This SDS mainly refers to SDS of ethanol issued by Sigma-Aldrich Corporation

The information herein is given in good faith, but no warranty expressed or implied, is made.