

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

072071959

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

072071934 072071942 072071967 072072122 272451144

**SECTION 1 - SOURCE/IDENTITY/USE INFORMATION****DISTRIBUTOR**

GC AMERICA INC.  
3737 West 127th St.  
Alsip, Illinois, 60803  
Telephone: 708-597-0900  
Hours: Mon.- Fri. 8:00 am. - 5:00 pm. C.S.T.  
Transportation Emergency No. 800-424-9300

**COMMON NAME:** GC RELINE SOFT – BASE  
GC RELINE EXTRA SOFT –BASE  
GC RELINE ULTRA SOFT - BASE

**CHEMICAL NAME:** N.A.

**PRODUCT USE:** Chairside vinyl polysiloxane resilient denture liner

*The following information is provided with regard to the toxicity and hazards the pure components present in this portion of the unmixed paste system.*

**SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

| COMPONENT                   | C.A.S.      | EXPOSURE LIMITS                                    | LD50/LC50                                   | %     |
|-----------------------------|-------------|----------------------------------------------------|---------------------------------------------|-------|
| Vinyl dimethyl polysiloxane | 68083-19-2  | N.E.                                               | N.E.                                        | 40-55 |
| Silicone dioxide            | 112926-00-8 | TLV=10mg/m <sup>3</sup><br>(total dust)<br>(ACGIH) | LD>10,000 mg/kg<br>(oral rat)<br>LC50= N.E. | 50-55 |
| Hydrogen polysiloxane       | Not listed  | N.E.                                               | N.E.                                        | 5-10  |

**SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES**

|                                                    |                                                   |
|----------------------------------------------------|---------------------------------------------------|
| <b>BOILING POINT:</b> N.E.                         | <b>SPECIFIC GRAVITY:</b> N.E.                     |
| <b>VAPOR PRESSURE:</b> N.E.                        | <b>MELTING POINT:</b> N.E.                        |
| <b>VAPOR DENSITY:</b> N.E.                         | <b>EVAPORATION RATE:</b> N.E.                     |
| <b>SOLUBILITY IN WATER:</b> N.A.                   | <b>ODOR THRESHOLD:</b> N.E.                       |
| <b>COEFFICIENT OF OIL/WATER DISTRIBUTION:</b> N.E. | <b>APPEARANCE AND ODOR:</b> White paste, odorless |

**SECTION 4 - FIRE AND EXPLOSION DATA**

**FLASH POINT:** N.E.

**FLAMMABLE LIMITS:** N.E.

**EXTINGUISHING MEDIA:** Use extinguishing media appropriate to surrounding area.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing and full protective clothing.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Irritation and/or toxic aerosols or gases may be present.

**HAZARDOUS COMBUSTION PRODUCTS:** N.E.

**SECTION 5 - REACTIVITY DATA**

|                        |                                                    |                                     |
|------------------------|----------------------------------------------------|-------------------------------------|
| <b>STABILITY:</b>      | Stable <input checked="" type="checkbox"/>         | Unstable <input type="checkbox"/>   |
| <b>POLYMERIZATION:</b> | Will Not Occur <input checked="" type="checkbox"/> | Will Occur <input type="checkbox"/> |

**CONDITIONS TO AVOID:** High temperatures (>121<sup>0</sup>C), open flames.

**INCOMPATIBILITY (Materials to Avoid):** Strong acids, bases, and oxidizers.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** N.E.

**SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION**

|                     | YES | NO | NE | NA | NTP | IARC | OSHA | OTHER |
|---------------------|-----|----|----|----|-----|------|------|-------|
| MUTAGENIC AFFECTS   |     | X  |    |    |     |      |      |       |
| TERATOGENIC AFFECTS |     | X  |    |    |     |      |      |       |
| REPRODUCTIVE TOXIN  |     | X  |    |    |     |      |      |       |
| CARCINOGENICITY     |     | X  |    |    |     |      |      |       |
| SENSITIZER          |     | X  |    |    |     |      |      |       |

ROUTES OF ENTRY: Inhalation ☐ Skin ☒ Ingestion ☒

**HEALTH HAZARD (Acute and Chronic):** May cause skin and eye irritation.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** Irritation and soreness of eyes, throat and nose.

**CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Individuals with pre-existing conditions of the lungs may increase susceptibility to the toxicity of excessive exposure.

**EMERGENCY FIRST AID PROCEDURES:**

**EYES:** Flush eyes with water for 15 minutes. Seek medical attention if irritation develops.

**SKIN:** Wash with soap and water. If irritation persists, seek medical attention.

**INGESTION:** Do not induce vomiting. Dilute by drinking several glasses of water. Seek medical attention.

**INHALATION:** Remove to fresh air if irritation develops.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

**IN CASE OF RELEASE OR SPILL:** Wipe up and discard.

**WASTE DISPOSAL METHOD:** Comply with Federal, State and Local regulations.

**STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Store in cool, dry place.

**SECTION 8 - CONTROL MEASURES**

**RESPIRATORY PROTECTION:** Where there is a potential for inhalation exposure to produce dust or mist in excess of exposure limits, wear NIOSH/MSHA approved respiratory protection

**VENTILATION:** Local Exhaust: As needed      **Mechanical:** N.E.      **Special:** N.E.      **Other:** N.E.

**PROTECTIVE GLOVES:** Rubber gloves

**EYE PROTECTION:** Safety glasses or goggles

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** N.A.

**WORK/HYGIENIC PRACTICE:** Observe good hygiene practices.

**SECTION 9 - PREPARATION INFORMATION**

*This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR 1910,1200 and W.H.M.I.S. CPR*

**DATE:** 09 January 2006

**REVIEWED:** 27 February 2012

N.A. = NOT APPLICABLE

N.E. = NOT ESTABLISHED

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

FIRE – 0

TOXICITY – 1

NFPA  
REACTIVITY – 0

SPECIAL –



MS346471

**GC RELINE SOFT/EXTRA SOFT/ULTRA SOFT - PRIMER R**  
**MATERIAL SAFETY DATA SHEET**

Page 1 of 2

**SECTION 1 - SOURCE/IDENTITY/USE INFORMATION****DISTRIBUTOR**

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3737 West 127th St.  
Alsip, Illinois, 60803  
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Transportation Emergency No. 800-424-9300

**COMMON NAME:** GC RELINE SOFT – PRIMER R  
GC RELINE EXTRA SOFT – PRIMER R  
GC RELINE ULTRA SOFT – PRIMER R

**CHEMICAL NAME:** N.A.

**PRODUCT USE:** Resin Primer/Adhesive for Vinyl Polysiloxane denture liner

*The following information is provided with regard to the toxicity and hazards the pure components present in this product.*

**SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

| COMPONENT     | C.A.S.   | EXPOSURE LIMITS       | LD50/LC50 | %    |
|---------------|----------|-----------------------|-----------|------|
| Ethyl Acetate | 141-78-6 | TWA=400ppm<br>(ACGIH) | N.E.      | >90% |

**SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES**

|                                                    |                                           |
|----------------------------------------------------|-------------------------------------------|
| <b>BOILING POINT:</b> 110°C                        | <b>SPECIFIC GRAVITY:</b> N.E.             |
| <b>VAPOR PRESSURE:</b> 97.0 hPa                    | <b>MELTING POINT:</b> N.E.                |
| <b>VAPOR DENSITY:</b> 1.060 g/cm <sup>3</sup>      | <b>EVAPORATION RATE:</b> N.E.             |
| <b>SOLUBILITY IN WATER:</b> Soluble                | <b>ODOR THRESHOLD:</b> N.E.               |
| <b>COEFFICIENT OF OIL/WATER DISTRIBUTION:</b> N.E. | <b>APPEARANCE AND ODOR:</b> Clear, liquid |

**SECTION 4 - FIRE AND EXPLOSION DATA**

**FLASH POINT:** 4°C

**FLAMMABLE LIMITS:** LEL 2.1%  
UEL 11.5%

**EXTINGUISHING MEDIA:** Carbon dioxide, foam, or water fog.

**SPECIAL FIRE FIGHTING PROCEDURES:** None

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Protect against electrostatic charges.

**HAZARDOUS COMBUSTION PRODUCTS:** N.E.

**SECTION 5 - REACTIVITY DATA**

**STABILITY:** Stable ☒ Unstable ☐  
**POLYMERIZATION:** Will Not Occur ☒ Will Occur ☐

**CONDITIONS TO AVOID:** High heat, sources of ignition.

**INCOMPATIBILITY (Materials to Avoid):** Oxidizing agents, bases, acids, moisture, and heat.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** None

**SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION**

|                     | YES | NO | NE | NA | NTP | IARC | OSHA | OTHER |
|---------------------|-----|----|----|----|-----|------|------|-------|
| MUTAGENIC AFFECTS   |     | X  |    |    |     |      |      |       |
| TERATOGENIC AFFECTS |     | X  |    |    |     |      |      |       |
| REPRODUCTIVE TOXIN  |     | X  |    |    |     |      |      |       |
| CARCINOGENICITY     |     | X  |    |    |     |      |      |       |
| SENSITIZER          |     | X  |    |    |     |      |      |       |

**SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION - continued**

ROUTES OF ENTRY:    Inhalation ☒                      Skin ☒                      Ingestion ☒

**HEALTH HAZARD (Acute):** May be harmful by inhalation, ingestion or skin absorption. Causes skin irritation. Vapor or mist is irritating to the eyes, mucous membranes and upper respiratory tract. Can cause CNS depression. Prolonged exposure can cause nausea, headache, and vomiting.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** Nausea, headache and vomiting.

**CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Persons with pre-existing skin, eye, kidney, liver and respiratory ailments may be at increased risk from exposure.

**EMERGENCY FIRST AID PROCEDURES:**

**INHALATION:** Remove to fresh air. Seek medical attention in case of complaints.

**EYES:** Flush with water for at least 15 minutes. Seek immediate medical attention.

**SKIN:** Wash with soap and water. Seek medical attention if irritation persists.

**INGESTION:** If symptoms persist, seek medical attention.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

**IN CASE OF RELEASE OR SPILL:** Soak up with suitable absorbing material; place in proper container for disposal. Wash spill area.

**WASTE DISPOSAL METHOD:** In accordance with Federal, State and Local regulations. Do not flush to sewer.

**STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Store in cool, dry place.

**SECTION 8 - CONTROL MEASURES**

**RESPIRATORY PROTECTION:** None.

**VENTILATION:**    Local Exhaust: Yes                      Mechanical: N.A.                      Special: N.A.                      Other: N.A.

**PROTECTIVE GLOVES:** Use rubber/vinyl gloves

**EYE PROTECTION:** Goggles

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Maintain eye wash station

**WORK/HYGIENIC PRACTICE:** Follow safe hygiene practices

**SECTION 9 - PREPARATION INFORMATION**

*This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR 1910.1200 and W.H.M.I.S. CPR*

**DATE:** 09 January 2006

**REVIEWED:** 27 February 2012

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.....

**FIRE – 3**

**TOXICITY – 1**

**NFPA  
REACTIVITY– 0**

**SPECIAL –**



## Safety Data Sheet

acc. to OSHA HCS 29 CFR 1910.1200

Printing date 02/27/2015

Version US-EN-Rev 1

Reviewed on 02/27/2015

### 1 Identification

- **Product identifier**
- **Trade name:** GC RELINE PRIMER R
- **Relevant identified uses of the substance or mixture and uses advised against**  
Dental material  
The product is intended for professional use.  
To avoid risks for humans and environment obtain instructions.
- **Application of the substance / the mixture** Auxiliary for manufacture of dental prothesis
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
GC America Inc.  
3737 W. 127th Street  
Alsip, IL 60803  
USA  
  
sds@gcamerica.com
- **Information department:** Regulatory Affairs
- **Emergency telephone number:**  
During normal opening times (Mon.-Fri. 8:00 AM-5:00 PM CST): +1 (708) 597-0900  
Transportation (CHEMTREC®) Emergency Telephone No. +1 (800) 424-9300

### 2 Hazard(s) identification

- **Classification of the substance or mixture**  
Flam. Liq. 2 H225 Highly flammable liquid and vapor.  
Eye Irrit. 2A H319 Causes serious eye irritation.  
STOT SE 3 H336 May cause drowsiness or dizziness.
- **Additional information:**  
The information provided is in regards to the toxicity and hazard rating(s) of the individual component(s) in the formulation. The associated risk(s) depends on the route(s) of exposure. The hazard rating system is based entirely on the existence of the risk(s) and does not take into account the likelihood of reduced risk(s) through proper usage and handling.
- **Label elements**
- **GHS label elements**  
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**  
  
GHS02 GHS07
- **Signal word** Danger
- **Hazard-determining components of labeling:**  
ethyl acetate
- **Hazard statements**  
Highly flammable liquid and vapor.

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**Trade name:** GC RELINE PRIMER R

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Causes serious eye irritation.

May cause drowsiness or dizziness.

**Precautionary statements**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Wear protective gloves / eye protection / face protection.

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.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Additional information:**

10 % of the mixture consists of component(s) of unknown toxicity.

**Classification system:****NFPA ratings (scale 0 - 4)**

Health = 1

Fire = 3

Reactivity = 0

**HMIS-ratings (scale 0 - 4)**

Health = 1

Fire = 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 nonhazardous additions.**Dangerous components:**

|          |               |        |
|----------|---------------|--------|
| 141-78-6 | ethyl acetate | 80-90% |
|----------|---------------|--------|

**Additional information:**

If a substance is marked with \*\*, then substance is a trade secret. This is allowed under OSHA's Hazard Communication Standard (HCS) as a trade secret and under GHS as Confidential Business Information (CBI).

### 4 First-aid measures

**Description of first aid measures****General information:**

Immediately remove any clothing soiled by the product.

If symptoms persist consult doctor.

**After inhalation:**

Supply fresh air; consult doctor in case of complaints.

In case of unconsciousness place patient stably in side position for transportation.

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**Trade name:** GC RELINE PRIMER R

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- **After skin contact:**  
Rinse with warm water.  
If symptoms persist consult doctor.
- **After eye contact:**  
Protect unharmed eye.  
Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**  
Rinse out mouth and then drink plenty of water.  
If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information**  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Remove persons from danger area.  
Keep away from ignition sources  
Avoid contact with the eyes and skin.  
Wear protective clothing.
- **Environmental precautions:**  
Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to penetrate the ground/soil.  
In case of seepage into the ground inform responsible authorities.
- **Methods and material for containment and cleaning up:**  
Ensure adequate ventilation.  
Absorb liquid components with liquid-binding material.  
Dispose of the collected material according to regulations.
- **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.

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**Trade name:** GC RELINE PRIMER R

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### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
  - Observe instructions for use.
  - Ensure good ventilation/exhaustion at the workplace.
  - Prevent formation of aerosols.
  - Avoid contact with the eyes and skin.
- **Information about protection against explosions and fires:**
  - Keep ignition sources away - Do not smoke.
  - Protect against electrostatic charges.
  - Do not spray on a naked flame or any incandescent material.
- **Storage:** Store only in the original receptacle.
- **Requirements to be met by storerooms and receptacles:**
  - Store in a cool location.
  - Store only in unopened original receptacles.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**
  - Observe instructions for use / storage.
  - Keep receptacle tightly sealed.
  - Store in cool, dry conditions in well sealed receptacles.
  - Protect from heat and direct sunlight.
  - Store in a cool place.
- **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:**

#### 141-78-6 ethyl acetate

|     |                                                   |
|-----|---------------------------------------------------|
| PEL | Long-term value: 1400 mg/m <sup>3</sup> , 400 ppm |
| REL | Long-term value: 1400 mg/m <sup>3</sup> , 400 ppm |
| TLV | Long-term value: 1440 mg/m <sup>3</sup> , 400 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.

Avoid contact with the eyes and skin.

Wash hands before breaks and at the end of work.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

- **Breathing equipment:** Suitable respiratory protective device recommended.

- **Protection of hands:** Protective gloves

- **Material of gloves**

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**Trade name:** GC RELINE PRIMER R

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The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Safety glasses

## 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

|                 |                 |
|-----------------|-----------------|
| Form:           | Fluid           |
| Color:          | Colorless       |
| Odor:           | Ester-like      |
| Odor threshold: | Not determined. |

|             |                 |
|-------------|-----------------|
| · pH-value: | Not determined. |
|-------------|-----------------|

· **Change in condition**

|                              |                  |
|------------------------------|------------------|
| Melting point/Melting range: | -83 °C (-117 °F) |
| Boiling point/Boiling range: | 77 °C (171 °F)   |

|                |               |
|----------------|---------------|
| · Flash point: | -4 °C (25 °F) |
|----------------|---------------|

|                                  |                 |
|----------------------------------|-----------------|
| · Flammability (solid, gaseous): | Not applicable. |
|----------------------------------|-----------------|

|                         |               |
|-------------------------|---------------|
| · Ignition temperature: | Undetermined. |
|-------------------------|---------------|

|                              |                 |
|------------------------------|-----------------|
| · Decomposition temperature: | Not determined. |
|------------------------------|-----------------|

|                  |                              |
|------------------|------------------------------|
| · Auto igniting: | Product is not selfigniting. |
|------------------|------------------------------|

|                        |                                                                                            |
|------------------------|--------------------------------------------------------------------------------------------|
| · Danger of explosion: | Product is not explosive. However, formation of explosive air/vapor mixtures are possible. |
|------------------------|--------------------------------------------------------------------------------------------|

· **Explosion limits:**

|        |            |
|--------|------------|
| Lower: | 2.1 Vol %  |
| Upper: | 11.5 Vol % |

|                   |                 |
|-------------------|-----------------|
| · Vapor pressure: | Not determined. |
|-------------------|-----------------|

|                             |                                       |
|-----------------------------|---------------------------------------|
| · Density at 20 °C (68 °F): | 0.9 g/cm <sup>3</sup> (7.511 lbs/gal) |
|-----------------------------|---------------------------------------|

|                    |                 |
|--------------------|-----------------|
| · Relative density | Not determined. |
|--------------------|-----------------|

|                  |                 |
|------------------|-----------------|
| · Vapour density | Not determined. |
|------------------|-----------------|

|                    |                 |
|--------------------|-----------------|
| · Evaporation rate | Not determined. |
|--------------------|-----------------|

· **Solubility in / Miscibility with**

|        |                 |
|--------|-----------------|
| Water: | Fully miscible. |
|--------|-----------------|

|                                            |                 |
|--------------------------------------------|-----------------|
| · Partition coefficient (n-octanol/water): | Not determined. |
|--------------------------------------------|-----------------|

· **Viscosity:**

|            |                 |
|------------|-----------------|
| Dynamic:   | Not determined. |
| Kinematic: | Not determined. |

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# Safety Data Sheet

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Trade name: GC RELINE PRIMER R

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- **Solvent content:**
- Organic solvents:** 90.0 %
- VOC content:** 90.0 %
- **Other information** No further relevant information available.

### 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability** Stable at ambient temperature.
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:** No further relevant information available.
- **Primary irritant effect:**
- on the skin:** No irritant effect.
- on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
The product shows the following dangers according to internally approved calculation methods for preparations:  
Irritant
- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer)**  
None of the ingredients is listed.
- **NTP (National Toxicology Program)**  
None of the ingredients is listed.
- **OSHA-Ca (Occupational Safety & Health Administration)**  
None of the ingredients is listed.
- **Carcinogenic categories' legend:**  
IARC Group 1: The agent is carcinogenic to humans.  
IARC Group 2A: The agent is probably carcinogenic to humans.  
IARC Group 2B: The agent is possibly carcinogenic to humans.  
IARC Group 3: The agent is not classifiable as to its carcinogenicity to humans.  
IARC Group 4: The agent is probably not carcinogenic to humans.  
NTP K: Known to be human carcinogen.  
NTP R: Reasonably anticipated to be human carcinogen.

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# Safety Data Sheet

## acc. to OSHA HCS 29 CFR 1910.1200

Printing date 02/27/2015

Version US-EN-Rev 1

Reviewed on 02/27/2015

Trade name: GC RELINE PRIMER R

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## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **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:**  
Water hazard class 3 (Self-assessment): extremely hazardous for water  
Do not allow product to reach ground water, water course or sewage system, even in small quantities.  
Danger to drinking water if even extremely 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.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

## 14 Transport information

- |                                                                                     |                             |
|-------------------------------------------------------------------------------------|-----------------------------|
| · <b>UN-Number</b>                                                                  |                             |
| · <b>DOT, ADR, IMDG, IATA</b>                                                       | UN1173                      |
| · <b>UN proper shipping name</b>                                                    |                             |
| · <b>DOT</b>                                                                        | Ethyl acetate solution      |
| · <b>ADR</b>                                                                        | 1173 Ethyl acetate solution |
| · <b>IMDG, IATA</b>                                                                 | ETHYL ACETATE solution      |
| · <b>Transport hazard class(es)</b>                                                 |                             |
| · <b>DOT</b>                                                                        |                             |
|  |                             |
| · <b>Class</b>                                                                      | 3 Flammable liquids         |

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US

# Safety Data Sheet

## acc. to OSHA HCS 29 CFR 1910.1200

Printing date 02/27/2015

Version US-EN-Rev 1

Reviewed on 02/27/2015

**Trade name:** GC RELINE PRIMER R

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|                                                                                   |                                                                                                                 |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| · <b>Label</b>                                                                    | 3                                                                                                               |
| · <b>ADR</b>                                                                      |                                                                                                                 |
|  |                                                                                                                 |
| · <b>Class</b>                                                                    | 3 (F1) Flammable liquids                                                                                        |
| · <b>Label</b>                                                                    | 3                                                                                                               |
| · <b>IMDG, IATA</b>                                                               |                                                                                                                 |
|  |                                                                                                                 |
| · <b>Class</b>                                                                    | 3 Flammable liquids                                                                                             |
| · <b>Label</b>                                                                    | 3                                                                                                               |
| · <b>Packing group</b>                                                            |                                                                                                                 |
| · <b>DOT, ADR, IMDG, IATA</b>                                                     | II                                                                                                              |
| · <b>Environmental hazards:</b>                                                   |                                                                                                                 |
| · <b>Marine pollutant:</b>                                                        | No                                                                                                              |
| · <b>Special precautions for user</b>                                             | Warning: Flammable liquids                                                                                      |
| · <b>Danger code (Kemler):</b>                                                    | 33                                                                                                              |
| · <b>EMS Number:</b>                                                              | F-E, S-D                                                                                                        |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>  | Not applicable.                                                                                                 |
| · <b>Transport/Additional information:</b>                                        |                                                                                                                 |
| · <b>ADR</b>                                                                      |                                                                                                                 |
| · <b>Excepted quantities (EQ)</b>                                                 | Code: E2<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 500 ml |
| · <b>IMDG</b>                                                                     |                                                                                                                 |
| · <b>Limited quantities (LQ)</b>                                                  | 1L                                                                                                              |
| · <b>Excepted quantities (EQ)</b>                                                 | Code: E2<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 500 ml |
| · <b>UN "Model Regulation":</b>                                                   | UN1173, Ethyl acetate solution, 3, II                                                                           |

### 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- SARA (Superfund Amendments and Reauthorization Act)

#### · Section 355 (extremely hazardous substances):

None of the ingredient is listed.

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· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

ethyl acetate

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**



GHS02 GHS07

· **Signal word** Danger

· **Hazard-determining components of labeling:**

ethyl acetate

· **Hazard statements**

Highly flammable liquid and vapor.

Causes serious eye irritation.

May cause drowsiness or dizziness.

· **Precautionary statements**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Wear protective gloves / eye protection / face protection.

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.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

· **Department issuing SDS:** Regulatory Affairs

· **Contact:**

Regulatory Affairs

Telephone No. +1 (708) 597-0900

sds@gcamerica.com

· **Date of preparation / last revision** 02/27/2015 / -

· **Abbreviations and acronyms:**

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

HCS: Hazard Communication Standard (USA)

MSDS: Material Safety Data Sheet

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SDS: Safety Data Sheet  
 ECHA: European Chemicals Agency  
 OSHA: Occupational Safety and Health Administration (USA)  
 ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 IMDG: International Maritime Code for Dangerous Goods  
 DOT: US Department of Transportation  
 IATA: International Air Transport Association  
 ACGIH: American Conference of Governmental Industrial Hygienists  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 NFPA: National Fire Protection Association (USA)  
 HMIS: Hazardous Materials Identification System (USA)  
 VOC: Volatile Organic Compounds (USA, EU)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative  
 Flam. Liq. 2: Flammable liquids, Hazard Category 2  
 Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A  
 STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

**Sources**

- Manufacturers' MSDSs/SDSs
- OSHA (<https://www.osha.gov/dts/chemicalsampling/toc/chmcas.html>)
- TOXNET (<http://toxnet.nlm.nih.gov/>)
- ECHA (<http://echa.europa.eu/>)
- EnviChem ([www.echemportal.org](http://www.echemportal.org))

**Notes:**

CAS Registry Number is a Registered Trademark of the American Chemical Society.  
 CHEMTREC® is a registered service mark of the American Chemistry Council, Inc.

- **\* Data compared to the previous version altered.** This version replaces all previous versions.

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