

## 1 Identification

- **Product identifier**
- **Trade name:**  
**Hilti Firestop Acrylic Sealant CFS-S ACR**  
**CP 606**
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use** SU19 Building and construction work
- **Application of the substance / the mixture** Construction chemicals
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Hilti (Canada) Corp.  
2360 Meadowpine Boulevard  
Mississauga, Ontario L5N 6S2  
Phone: (800) 363-4458  
Fax: (800) 363-4459
- **Information department:**  
chemicals.hse@hilti.com  
see section 16
- **Emergency telephone number:**  
Schweizerisches Toxikologisches Informationszentrum - 24 h Service  
Tel.: 0041 / 44 251 51 51 (international)
- Chem-Trec  
Tel.: 1 800 424 9300

## 2 Hazard(s) identification

- **Classification of the substance or mixture** The product is not classified according to the Globally Harmonized System (GHS).
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** not applicable
- **Information concerning particular hazards for human and environment:**  
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**  
The classification was made according to the latest editions of the EU-lists, and expanded upon from company and literature data.
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Hazard description:**
- **WHMIS classification -**
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

## 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Acrylat-dispersion

- **Dangerous components:**

57-55-6   propane-1,2-diol	1-5%
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- **Additional information** For the wording of the listed risk phrases refer to section 16.

## 4 First-aid measures

- **Description of first aid measures**
- **General information** No special measures required.
- **After inhalation** Take affected persons into fresh air and keep quiet.
- **After skin contact** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing** Seek immediate medical advice.
- **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.

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· **Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

- Carbon monoxide (CO)
- Carbondioxide (CO<sub>2</sub>)

· **Advice for firefighters**

- **Protective equipment:** Ensure adequate ventilation

## 6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**

- Wear protective clothing.
- Ensure adequate ventilation
- Particular danger of slipping on leaked/spilled product.

· **Environmental precautions:** No special measures required.

· **Methods and material for containment and cleaning up:**

- Pick up mechanically.
- Dispose contaminated material as waste according to item 13.

· **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** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:** No special measures required.

· **Conditions for safe storage, including any incompatibilities**

· **Storage**

- **Requirements to be met by storerooms and receptacles:** keep containers securely closed and dry, store at 5 - 25 °C / 41 - 77 °F

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:** None.

· **Storage class** 11

· **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

**57-55-6 propane-1,2-diol**

EV	Long-term value: 155* 10** mg/m <sup>3</sup> , 50* ppm *vapour and aerosol;**aerosol only
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· **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.
- Keep away from foodstuffs, beverages and feed.
- Wash hands before breaks and at the end of work.

· **Breathing equipment:** Not necessary if room is well-ventilated.

· **Protection of hands:**



Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

EN 374

· **Material of gloves**

Nitrile rubber, NBR

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.

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## · Eye protection:



Tightly sealed goggles.

EN 166 + EN 170

## · Body protection:



Protective work clothing.

**9 Physical and chemical properties**

## · Information on basic physical and chemical properties

## · General Information

## · Appearance:

· Form:	Pasty
· Color:	According to product specification
· Odor:	Characteristic
· Odour threshold:	Not determined.

· pH-value: Not applicable.

## · Change in condition

· Melting point/Melting range:	Not determined.
· Boiling point/Boiling range:	undetermined

· Flash point: Not applicable

· Flammability (solid, gaseous) Not determined.

## · Ignition temperature:

· Decomposition temperature: Not determined.

· Auto igniting: Product is not selfigniting.

· Danger of explosion: Product does not present an explosion hazard.

## · Explosion limits:

· Lower:	Not determined.
· Upper:	Not determined.

· Vapor pressure: Not determined.

 · Density at 20 °C (68 °F): 1.55 g/cm<sup>3</sup> (12.935 lbs/gal) (DIN 51757)

· Relative density Not determined.

· Vapour density Not applicable.

· Evaporation rate Not applicable.

## · Solubility in / Miscibility with

· Water: Not miscible or difficult to mix

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

## · Viscosity:

· dynamic:	Not applicable.
· kinematic:	Not applicable.

· Other information VOC Content: 71 g/l (EPA Method 24)

**10 Stability and reactivity**

## · Reactivity

## · Chemical stability

· 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:

## · Primary irritant effect:

· on the skin: No irritant effect.

· on the eye: No irritating effect.

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 · **Sensitization:** No sensitizing effects known.

 · **Additional toxicological information:**

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

 · **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.

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

 · **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**

For disposal, local regulations issued by the authorities must be observed.

Smaller quantities can be disposed of with household waste.

 · **European waste catalogue:**

08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

 · **Uncleaned packagings:**

 · **Recommendation:**

Disposal must be made according to official regulations.

Dispose of packaging according to regulations on the disposal of packagings.

## 14 Transport information

 · **UN-Number**

 · **DOT, TDG, ADN, IMDG, IATA** Void

 · **UN proper shipping name**

 · **DOT, TDG, ADN, IMDG, IATA** Void

 · **Transport hazard class(es)**

 · **DOT, TDG, ADN, IMDG, IATA** Void

 · **Class**

 · **DOT, TDG, ADN, IMDG, IATA** Void

 · **Packing group**

 · **DOT, TDG, IMDG, IATA** Void

 · **Environmental hazards:**

 · **Marine pollutant:** No

 · **Special precautions for user** Not applicable.

 · **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

 · **UN "Model Regulation":** -

## 15 Regulatory information

 · **Safety, health and environmental regulations/legislation specific for the substance or mixture**

 · **Sara**

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

None of the ingredients are listed.

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

All ingredients are listed.

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

None of the ingredients are listed.

· **Carcinogenity categories**· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

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

None of the ingredients is listed.

· **MAK (German Maximum Workplace Concentration)**

None of the ingredients is listed.

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

None of the ingredients is listed.

· **Chemical safety assessment:** not required.**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing MSDS:**

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Quality/Safety/Environment  
FL-9494 Schaan / Liechtenstein

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· **Date of preparation / last revision** 03/06/2015 / 2· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods  
DOT: US Department of Transportation  
IATA: International Air Transport Association  
ACGIH: American Conference of Governmental Industrial Hygienists  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
WHMIS: Workplace Hazardous Materials Information System (Canada)

· **\* Data compared to the previous version altered.**