

# Safety Data Sheet

according to 1907/2006/EC (REACH),  
1272/2008/EC (CLP), and GHS

Printing date 12.07.2012

Revision: 02.07.2012

## 1 Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

- Trade name: **Touch N Seal Fire Stop Caulk 814**
- Application of the substance / the preparation Sealant

### 1.3 Details of the supplier of the Safety Data Sheet

#### Manufacturer/Supplier:

Convenience Products, division of Clayton Corp.  
866 Horan Drive  
Fenton, MO 63026-2416  
Phone: 636-349-5855



- Further information obtainable from: Product Safety Department

### 1.4 Emergency telephone number:

ChemTel Inc.  
Emergency Phone No. (800) 255-3924 (US/Canada), (813) 248-0585 (Elsewhere)

## 2 Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008



GHS08 health hazard

Resp. Sens. 1     H334     May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
Repr. 2            H361fd     Suspected of damaging fertility. Suspected of damaging the unborn child.



GHS09 environment

Aquatic Chronic 2     H411     Toxic to aquatic life with long lasting effects.



GHS07

Skin Irrit. 2        H315     Causes skin irritation.  
Eye Irrit. 2        H319     Causes serious eye irritation.  
Skin Sens. 1       H317     May cause an allergic skin reaction.  
STOT SE 3         H335     May cause respiratory irritation.

#### Classification according to Directive 67/548/EEC or Directive 1999/45/EC



T; Toxic

R60-61:            May impair fertility. May cause harm to the unborn child.



Xn; Sensitising

R42/43:            May cause sensitisation by inhalation and skin contact.



Xi; Irritant

R36/37/38:        Irritating to eyes, respiratory system and skin.

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- **Information concerning particular hazards for human and environment:**

The product has 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 is according to the latest editions of the EU-lists, and extended by company and literature data.

- **2.2 Label elements**

- **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

- **Hazard pictograms**



GHS07 GHS08 GHS09

- **Signal word** Danger

- **Hazard-determining components of labelling:**

Phthalate plasticizer

Acrylic Resin

- **Hazard statements**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 May cause an allergic skin reaction.

H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

H335 May cause respiratory irritation.

H411 Toxic to aquatic life with long lasting effects.

Contains Acrylic Resin. May produce an allergic reaction.

- **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P285 In case of inadequate ventilation wear respiratory protection.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P281 Use personal protective equipment as required.

P273 Avoid release to the environment.

P264 Wash thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing should not be allowed out of the workplace.

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 Specific treatment (see on this label).

P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

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P362	Take off contaminated clothing and wash before reuse.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P363	Wash contaminated clothing before reuse.
P304+P341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P391	Collect spillage.
P405	Store locked up.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Hazard description:**

- **WHMIS-symbols:**

D2A - Very toxic material causing other toxic effects

D2B - Toxic material causing other toxic effects



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



Health = 1

Fire = 0

Reactivity = 0

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



Health = \*1

Fire = 0

Reactivity = 0

- **2.3 Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **3.2 Mixtures**

- **Description:** Mixture of substances listed below with nonhazardous additions.

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**Dangerous components:**

CAS: 21645-51-2 EINECS: 244-492-7	aluminium hydroxide substance with a Community workplace exposure limit	25-50%
	Acrylic Resin  Xn R42/43;  Xi R36/37/38  Resp. Sens. 1, H334  Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335	10-25%
	Phthalate plasticizer  T R60-61  Repr. 1B, H360F  Aquatic Chronic 1, H410	10-25%
CAS: 9005-25-8 EINECS: 232-679-6	Starch substance with a Community workplace exposure limit	2,5-10%

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

## 4 First aid measures

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

Do not leave affected persons unattended.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

**After inhalation:**

Supply fresh air and to be sure call for a doctor.

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

**After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

**After eye contact:**

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. Then consult a doctor.

**After swallowing:**

Do not induce vomiting; call for medical help immediately.

Rinse out mouth and then drink plenty of water.

A person vomiting while laying on their back should be turned onto their side.

**4.2 Most important symptoms and effects, both acute and delayed**

Breathing difficulty

Coughing

**Hazards**

Danger of impaired breathing.

Danger of pulmonary oedema.

Danger of pneumonia.

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- **4.3 Indication of any immediate medical attention and special treatment needed**  
If necessary oxygen respiration treatment.

## 5 Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.  
Do not inhale explosion gases or combustion gases.
- **Additional information** Cool endangered receptacles with water spray.

## 6 Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Ensure adequate ventilation
- **6.2 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.
- **6.3 Methods and material for containment and cleaning up:**  
Allow to solidify. Pick up mechanically.  
Clean the affected area carefully; suitable cleaners are:  
Warm water and cleansing agent  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **6.4 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

- **7.1 Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Open and handle receptacle with care.
- **Information about fire - and explosion protection:** Keep respiratory protective device available.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

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

## 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

### 21645-51-2 aluminium hydroxide

EL (Canada) 10 mg/m<sup>3</sup>

### 9005-25-8 Starch

PEL (USA)	15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
REL (USA)	10* 5** mg/m <sup>3</sup> *total dust **respirable fraction
TLV (USA)	10 mg/m <sup>3</sup>
EL (Canada)	10 mg/m <sup>3</sup>
EV (Canada)	10 mg/m <sup>3</sup> total dust

- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
 Keep away from foodstuffs, beverages and feed.  
 Immediately remove all soiled and contaminated clothing  
 Wash hands before breaks and at the end of work.  
 Store protective clothing separately.  
 Avoid contact with the eyes and skin.
- **Respiratory protection:** Use suitable respiratory protective device in case of insufficient ventilation.
- **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

- **Material of gloves**

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.

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- **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

- **Body protection:** Protective work clothing

## 9 Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form: Pasty

Colour: Red

- **Odour:** Light

- **Odour threshold:** Not determined.

- **pH-value at 20°C:** 7,9

- **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 100°C

- **Flash point:** Not applicable.

- **Flammability (solid, gaseous):** Not determined.

- **Ignition temperature:** Not Established

- **Decomposition temperature:** Not determined.

- **Self-igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Explosion limits:**

Lower: Not determined.

Upper: Not determined.

- **Vapour pressure at 20°C:** 23 hPa

- **Density at 20°C:** 1,4 g/cm<sup>3</sup>

- **Relative density** Not determined.

- **Vapour density** Not applicable.

- **Evaporation rate** Not applicable.

- **Solubility in / Miscibility with water:**

Soluble.

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- |   |  |
|---|--|
| · <b>Partition coefficient (n-octanol/water):</b> | Not determined.                            |
| · <b>Viscosity:</b>                               |  |
| <b>Dynamic:</b>                                   | Not applicable.                            |
| <b>Kinematic:</b>                                 | Not applicable.                            |
| · <b>Solvent content:</b>                         |  |
| <b>VOC (EC)</b>                                   | 8,3 g/L                                    |
| · <b>9.2 Other information</b>                    | No further relevant information available. |

## 10 Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
 No decomposition if used according to specifications.  
 To avoid thermal decomposition do not overheat.  
 Stable at environment temperature.
- **10.3 Possibility of hazardous reactions**  
 Reacts with strong acids and oxidizing agents.  
 Reacts with peroxides and other radical forming substances.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**  
 Carbon monoxide and carbon dioxide  
 Toxic metal oxide smoke

## 11 Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:**  
 Sensitization possible through inhalation.  
 Sensitization possible through skin contact.
- **Additional toxicological information:**  
 The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:  
 Harmful  
 Irritant

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### 12 Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** Moderately /partly biodegradable
- **12.3 Bioaccumulative potential**  
Due to the distribution coefficient n-octanol/water an accumulation in organisms is possible.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Smaller quantities can be disposed of with household waste.  
Can be disposed of with household garbage after solidification following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### 14 Transport information

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>· <b>14.1 UN-Number</b></li> <li>· <b>DOT, ADR, ADN, IATA</b></li> <li>· <b>IMDG</b></li> </ul>               | <p style="margin: 0;">N/A</p> <p style="margin: 0;">UN3077</p>   |
| <ul style="list-style-type: none"> <li>· <b>14.2 UN proper shipping name</b></li> <li>· <b>DOT, ADR, ADN, IATA</b></li> <li>· <b>IMDG</b></li> </ul> | <p style="margin: 0;">N/A</p> <p style="margin: 0;">ENVIRONMENTALLY HAZARDOUS SUBSTANCE,<br/>SOLID, N.O.S., MARINE POLLUTANT</p> |

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## · 14.3 Transport hazard class(es)

· DOT, ADR, ADN, IATA

· Class N/A

## · IMDG



· Class 9 Miscellaneous dangerous substances and articles.  
· Label 9

## · 14.4 Packing group

· DOT, ADR, IATA N/A

· IMDG III

## · 14.5 Environmental hazards:

Product contains environmentally hazardous substances: Phthalate plasticizer

## · Marine pollutant:

Yes  
Symbol (fish and tree)

## · 14.6 Special precautions for user

Not applicable.

## · EMS Number:

F-A,S-F

## · 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

## · UN "Model Regulation":

-

**15 Regulatory information**

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

· United States (USA)

· SARA

## · Section 355 (extremely hazardous substances):

None of the ingredients is listed.

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

None of the ingredients is listed.

## · TSCA (Toxic Substances Control Act):

All ingredients are listed.

## · Proposition 65 (California):

## · Chemicals known to cause cancer:

None of the ingredients is listed.

## · Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

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· <b>Chemicals known to cause reproductive toxicity for males:</b>
--

None of the ingredients is listed.
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· <b>Chemicals known to cause developmental toxicity:</b>
---

None of the ingredients is listed.
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· <b>Carcinogenic Categories</b>
----------------------------------

· <b>EPA (Environmental Protection Agency)</b>
--

None of the ingredients is listed.
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· <b>TLV (Threshold Limit Value established by ACGIH)</b>
---

9005-25-8	Starch	A4
-----------	--------	----

· <b>NIOSH-Ca (National Institute for Occupational Safety and Health)</b>
---

None of the ingredients is listed.
------------------------------------

· <b>OSHA-Ca (Occupational Safety &amp; Health Administration)</b>
--

None of the ingredients is listed.
------------------------------------

· <b>Canada</b>
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· <b>Canadian Domestic Substances List (DSL)</b>
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All ingredients are listed.
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· <b>Canadian Ingredient Disclosure list (limit 0.1%)</b>
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None of the ingredients is listed.
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· <b>Canadian Ingredient Disclosure list (limit 1%)</b>
---

None of the ingredients is listed.
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· <b>15.2 Chemical safety assessment:</b> A Chemical Safety Assessment has not been carried out.
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## 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.

· <b>Relevant phrases</b>
---------------------------

H315	Causes skin irritation.
------	-------------------------

H317	May cause an allergic skin reaction.
------	--------------------------------------

H319	Causes serious eye irritation.
------	--------------------------------

H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
------	--

H335	May cause respiratory irritation.
------	-----------------------------------

H360F	May damage fertility.
-------	-----------------------

H410	Very toxic to aquatic life with long lasting effects.
------	---

R36/37/38	Irritating to eyes, respiratory system and skin.
-----------	--

R42/43	May cause sensitisation by inhalation and skin contact.
--------	---

R60	May impair fertility.
-----	-----------------------

R61	May cause harm to the unborn child.
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· <b>Abbreviations and acronyms:</b>
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ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
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IMDG: International Maritime Code for Dangerous Goods
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DOT: US Department of Transportation
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IATA: International Air Transport Association  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
ACGIH: American Conference of Governmental Industrial Hygienists  
NFPA: National Fire Protection Association (USA)  
HMIS: Hazardous Materials Identification System (USA)  
WHMIS: Workplace Hazardous Materials Information System (Canada)