

## Safety Data Sheet

according to 1907/2006/EC

Printing date: 19.01.2017

Revision: 19.01.2017

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

#### 1.1 Product identifier

- Trade name: **G-S Hypo Fabric Cement**
- Other product identifiers: No other identifiers
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
- Sector of Use** SU21 Consumer uses: Private households / general public / consumers
- Application of the substance / the mixture:** Adhesives
- Uses advised against:** No further relevant information available.

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

- Manufacturer/Supplier:**  
G-S Supplies Inc.  
1150 University Avenue, Suite 5  
Rochester, NY 14607 USA  
Tel (585) 241-2370

#### 1.4 Emergency telephone number:

ChemTel Inc.  
(800)255-3924, +1 (813)248-0585

### SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture**
- Classification according to Regulation (EC) No 1272/2008**

Flam. Liq. 2 H225 Highly flammable liquid and vapour.  
Eye Irrit. 2 H319 Causes serious eye irritation.  
STOT SE 3 H336 May cause drowsiness or dizziness.

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#### 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**



GHS02 GHS07

- Signal word** Danger
- Hazard-determining components of labelling:**  
butanone  
acetone
- Hazard statements**  
H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.
- Precautionary statements**  
P102 Keep out of reach of children.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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- P261 Avoid breathing fume.  
 P264 Wash thoroughly after handling.  
 P233 Keep container tightly closed.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P370+P378 In case of fire: Use foam, powder, or carbon dioxide for extinction.  
 P403+P235 Store in a well-ventilated place. Keep cool.

- **Labelling of packages where the contents do not exceed 125 ml**
- **Hazard pictograms**



GHS02 GHS07

- **Signal word** Danger

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

butanone  
acetone

- **Hazard statements**

H336 May cause drowsiness or dizziness.

- **Precautionary statements**

- P102 Keep out of reach of children.  
 P271 Use only outdoors or in a well-ventilated area.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P312 Call a POISON CENTER/doctor if you feel unwell.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **2.3 Other hazards** There are no other hazards not otherwise classified that have been identified.





- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**

- **Components:**

CAS: 78-93-3 EINECS: 201-159-0 Index number: 606-002-00-3 Reg.nr.: 01-2119457290-43-XXXX	butanone	 Flam. Liq. 2, H225  Eye Irrit. 2, H319; STOT SE 3, H336	40-50%
CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8 Reg.nr.: 01-2119471330-49-XXXX	acetone	 Flam. Liq. 2, H225  Eye Irrit. 2, H319; STOT SE 3, H336	20-30%

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- **Additional information:** For the wording of the listed Hazard Statements refer to section 16.

### SECTION 4: First aid measures

#### · 4.1 Description of first aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.

- **After skin contact:**

Immediately remove any clothing soiled by the product.

Clean with water and soap.

If skin irritation continues, consult a doctor.

- **After eye contact:**

Protect unharmed eye.

Rinse opened eye for several minutes under running water.

Remove contact lenses if worn, if possible.

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

- **After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

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

Dizziness

Coughing

Gastric or intestinal disorders.

Disorientation

- **Hazards:**

Causes eye irritation.

Vapours have narcotic effect.

Danger of impaired breathing.

Danger of convulsion.

Condition may deteriorate with alcohol consumption.

- **4.3 Indication of any immediate medical attention and special treatment needed**

If swallowed, gastric irrigation with added, activated carbon.

Monitor circulation, possible shock treatment.

If necessary oxygen respiration treatment.

Medical supervision for at least 48 hours.

Later observation for pneumonia and pulmonary oedema.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**

- **Suitable extinguishing agents:**

ABC powder

Water haze or fog

Foam

Fire-extinguishing powder

Carbon dioxide

Sand

- **For safety reasons unsuitable extinguishing agents:** Water with full jet

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

In case of fire, the following can be released:

Carbon monoxide (CO)

Under certain fire conditions, traces of other toxic gases cannot be excluded.

**5.3 Advice for firefighters****Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

**Additional information:** Cool endangered receptacles with water fog or haze.**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Use respiratory protective device against the effects of fumes/dust/aerosol.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Keep away from ignition sources.

Protect from heat.

**6.2 Environmental precautions** Do not allow to enter sewers/ surface or ground water.**6.3 Methods and material for containment and cleaning up**

Allow to solidify. Pick up mechanically.

Clean the affected area carefully; suitable cleaners are:

Organic solvent

**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.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Keep receptacles tightly sealed.

Keep away from heat and direct sunlight.

**Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

**7.2 Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Avoid storage near extreme heat, ignition sources or open flame.

**Information about storage in one common storage facility:**

Store away from foodstuffs.

Store away from oxidising agents.

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- **Further information about storage conditions:**  
 Store in cool, dry conditions in well sealed receptacles.  
 Protect from heat and direct sunlight.  
 Store receptacle in a well ventilated area.  
 Storage Temperatures : 77 °F / 25 °C.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

#### · 8.1 Control parameters

##### · Ingredients with limit values that require monitoring at the workplace:

###### **78-93-3 butanone**

IOELV (EU)	Short-term value: 900 mg/m <sup>3</sup> , 300 ppm Long-term value: 600 mg/m <sup>3</sup> , 200 ppm
AGW (Germany)	Long-term value: 600 mg/m <sup>3</sup> , 200 ppm 1(I);DFG, EU, H, Y
WEL (Great Britain)	Short-term value: 899 mg/m <sup>3</sup> , 300 ppm Long-term value: 600 mg/m <sup>3</sup> , 200 ppm Sk, BMGV

###### **67-64-1 acetone**

IOELV (EU)	Long-term value: 1210 mg/m <sup>3</sup> , 500 ppm
AGW (Germany)	Long-term value: 1200 mg/m <sup>3</sup> , 500 ppm 2(I);AGS, DFG, EU, Y
WEL (Great Britain)	Short-term value: 3620 mg/m <sup>3</sup> , 1500 ppm Long-term value: 1210 mg/m <sup>3</sup> , 500 ppm

- **DNELs:** No further relevant information available.
- **PNECs:** No further relevant information available.

##### · Ingredients with biological limit values:

###### **78-93-3 butanone**

BGW (Germany)	2 mg/l Untersuchungsmaterial: Urin Probennahmezeitpunkt: Expositionsende bzw. Schichtende Parameter: 2-Butanon
BMGV (Great Britain)	70 µmol/L Medium: urine Sampling time: post shift Parameter: butan-2-one

###### **67-64-1 acetone**

BGW (Germany)	80 mg/l Untersuchungsmaterial: Urin Probennahmezeitpunkt: Expositionsende bzw. Schichtende Parameter: Aceton
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**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.
- Avoid contact with the eyes and skin.
- Do not inhale gases / fumes / aerosols.

**Respiratory protection:**

- Not necessary if room is well-ventilated.
- Use suitable respiratory protective device in case of insufficient ventilation.
- Use suitable respiratory protective device when high concentrations are present.

**Protection of hands:**


Protective gloves

**For the permanent contact gloves made of the following materials are suitable:**

- Butyl rubber, BR
- Nitrile rubber, NBR
- Neoprene gloves

**Eye protection:**


Safety glasses

- Body protection:** Protective work clothing
- Limitation and supervision of exposure into the environment:** No special requirements.
- Risk management measures:** See Section 7 for additional information.

### SECTION 9: Physical and chemical properties

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

- |                         |                 |
|-------------------------|-----------------|
| <b>Form:</b>            | Liquid          |
| <b>Colour:</b>          | Clear           |
| <b>Odour:</b>           | Acetone-like    |
| <b>Odour threshold:</b> | Not determined. |

- |   |                   |
|---|-------------------|
| <b>pH-value:</b>                                | Not determined.   |
| <b>Melting point/freezing point:</b>            | Not determined.   |
| <b>Initial boiling point and boiling range:</b> | >35 °C (Estimate) |

- |                     |                           |
|---------------------|---------------------------|
| <b>Flash point:</b> | -16 °C (based on Acetone) |
|---------------------|---------------------------|

- |                                   |                 |
|-----------------------------------|-----------------|
| <b>Flammability (solid, gas):</b> | Not applicable. |
|-----------------------------------|-----------------|

- |  |                    |
|--|--------------------|
| <b>Auto/Self-ignition temperature:</b> | >260 °C (Estimate) |
|--|--------------------|

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· <b>Decomposition temperature:</b>	Not determined.
· <b>Explosive properties:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· <b>Explosion limits</b> <b>Lower:</b> <b>Upper:</b>	1,5 Vol % (Estimate) 15 Vol % (Estimate)
· <b>Oxidising properties</b>	Non-oxidising.
· <b>Vapour pressure at 20 °C:</b>	>200 hPa
· <b>Density at 20 °C:</b>	0,75 - 0,95 g/cm <sup>3</sup>
· <b>Relative density:</b>	Not determined.
· <b>Vapour density:</b>	Not determined.
· <b>Evaporation rate:</b>	Not determined.
· <b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
· <b>Viscosity</b> <b>Dynamic:</b> <b>Kinematic:</b>	Not determined. Not determined.
· <b>9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions**  
Highly flammable liquid and vapour.  
Develops readily flammable gases/fumes.  
Reacts with peroxides and other radical forming substances.  
Reacts with strong acids and alkali.  
Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised.  
Reacts with oxidising agents.
- **10.4 Conditions to avoid**  
Keep ignition sources away - Do not smoke.  
Store away from oxidising agents.
- **10.5 Incompatible materials** No further relevant information available.
- **10.6 Hazardous decomposition products**  
Carbon monoxide and carbon dioxide  
Hydrocarbons

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**SECTION 11: Toxicological information**
**11.1 Information on toxicological effects**

- **Acute toxicity:** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

**78-93-3 butanone**

Oral	LD50	3300 mg/kg (rat)
Dermal	LD50	5000 mg/kg (rabbit)

**67-64-1 acetone**

Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	20000 mg/kg (rabbit)

- **Primary irritant effect**

- **Skin corrosion/irritation:** Causes mild skin irritation.

- **Serious eye damage/irritation:**

Causes serious eye irritation.

- **Respiratory or skin sensitisation:** Based on available data, the classification criteria are not met.

- **IARC (International Agency for Research on Cancer):**

None of the ingredients are listed.

- **Probable routes of exposure:**

Ingestion.  
 Inhalation  
 Skin contact.  
 Eye contact.

- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

- **Carcinogenicity:** Based on available data, the classification criteria are not met.

- **Reproductive toxicity:** Based on available data, the classification criteria are not met.

- **STOT-single exposure:**

May cause drowsiness or dizziness.

- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.

- **Aspiration hazard:** Based on available data, the classification criteria are not met.

**SECTION 12: Ecological information**

- **12.1 Toxicity**

- **Aquatic toxicity:** No further relevant information available.

- **12.2 Persistence and degradability**

The product is partially biodegradable. Significant residuals remain.

- **12.3 Bioaccumulative potential** Does not accumulate in organisms.

- **12.4 Mobility in soil** No further relevant information available.

- **Ecotoxicological effects:**

- **Remark:** Due to mechanical actions of the product (e.g. agglutinations), damages may occur.

- **Additional ecological information:**

- **General notes:**

The product contains materials that are harmful to the environment.

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Avoid transfer into the environment.

- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation**

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.

Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Solvent naphtha

### SECTION 14: Transport information

- **14.1 UN-Number**

- **DOT, ADR, IMDG**

- **IATA**

UN1133

UN1133

Product may be shipped as an IATA limited quantity as a Class 9 ID8000 Consumer Commodity; consult with shipper for more information.

- **14.2 UN proper shipping name**

- **DOT, IATA**

- **ADR, IMDG**

Adhesives

ADHESIVES

- **14.3 Transport hazard class(es)**

- **DOT**



- **Class**

3 Flammable liquids.

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· Label	3
· ADR	
	
· Class	3 (F1) Flammable liquids.
· Label	3
· IMDG, IATA	
	
· Class	3 Flammable liquids.
· Label	3
· 14.4 Packing group	II
· DOT, ADR, IMDG, IATA	II
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Warning: Flammable liquids.
· Danger code (Kemler):	33
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	
	Not applicable.
· Transport/Additional information:	
· ADR	
· Transport category	2
· Tunnel restriction code	D/E

### SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Carcinogenic Categories

#### · IARC (International Agency for Research on Cancer)

None of the ingredients are listed.

#### · Directive 2012/18/EU

- Named dangerous substances - ANNEX I None of the ingredients are listed.
- Seveso category P5c FLAMMABLE LIQUIDS
- Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t

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- **National regulations:**
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **Other regulations, limitations and prohibitive regulations**

**Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients are listed.

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

**SECTION 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.

**Relevant phrases**

H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

**Abbreviations and acronyms:**

ADR: 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  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
NFPA: National Fire Protection Association (USA)  
HMIS: Hazardous Materials Identification System (USA)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
NIOSH: National Institute for Occupational Safety  
OSHA: Occupational Safety & Health  
LDLo: Lowest Lethal Dose Observed  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
Flam. Liq. 2: Flammable liquids – Category 2  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

**Sources**

Website, European Chemicals Agency ([echa.europa.eu](http://echa.europa.eu))  
Website, US EPA Substance Registry Services ([ofmpub.epa.gov/sor-internet/registry/substreg/home/overview/home.do](http://ofmpub.epa.gov/sor-internet/registry/substreg/home/overview/home.do))  
Website, Chemical Abstracts Registry, American Chemical Society ([www.cas.org](http://www.cas.org))  
Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6  
Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaassen, Curtis D., ed., ISBN: 978-0-07-176923-5.  
Safety Data Sheets, Individual Manufacturers

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