

**Safety Data Sheet**  
Prepared in Accordance with HCS 29  
C.F.R. 1910.1200

**STONHARD****1. Identification of the Substance/Mixture and the Company/Undertaking**

- 1.1 Product Identifier** 6338/POL **Revision Date:** 10/26/2018  
**Product Name:** GS6 CLEAR FLAT POLYOL **Supersedes Date:** 06/25/2018
- 1.2 Relevant identified uses of the substance or mixture and uses advised against** Base component of 2 components coating - Industrial use.
- 1.3 Details of the supplier of the safety data sheet**
- Manufacturer:** Stonhard, Division of StonCor Group, Inc.  
1000 East Park Avenue  
Maple Shade, NJ 08052  
  
+1 856 7797500 (US)
- Datasheet Produced by:** ehs@stonhard.com
- 1.4 Emergency telephone number:** CHEMTREC 1-800-424-9300 (Inside US)  
CHEMTREC +1 703 5273887 (Outside US)

**2. Hazard Identification**

- 2.1 Classification of the substance or mixture**
- Acute Toxicity, Inhalation, category 4  
Carcinogenicity, category 1B  
Flammable Liquid, category 3  
Germ Cell Mutagenicity, category 1B

**2.2 Label elements****Symbol(s) of Product****Signal Word**

Danger

**Named Chemicals on Label**

Heptan-2-one, Pentane-2,4-dione, Solvent naphtha (petroleum), light arom.

**HAZARD STATEMENTS**

Flammable Liquid, category 3	H226	Flammable liquid and vapour.
Acute Toxicity, Inhalation, category 4	H332	Harmful if inhaled.
Germ Cell Mutagenicity, category 1B	H340-1B	May cause genetic defects.
Carcinogenicity, category 1B	H350-1B	May cause cancer.

**PRECAUTION PHRASES**

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P284	Wear respiratory protection.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P308+313	IF exposed or concerned: Get medical advice/attention.
P403+233	Store in a well-ventilated place. Keep container tightly closed.

**2.3 Other hazards**

No Information

**Results of PBT and vPvB assessment:**

No information

**3. Composition/Information On Ingredients****3.2 Mixtures****Hazardous Ingredients**

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>%</u>
110-43-0	Heptan-2-one	25 - <50
112945-52-5	silica, crystalline free	2.5 - <10
108-65-6	2-methoxy-1-methylethyl-acetate	2.5 - <10
123-54-6	Pentane-2,4-dione	1.0 - <2.5
64742-95-6	Solvent naphtha (petroleum), light arom.	0.1 - <1.0
77-58-7	dibutyltin dilaurate	0.1 - <1.0
91-20-3	Naphthalene	<0.1

<u>CAS-No.</u>	<u>GHS Symbols</u>	<u>GHS Hazard Statements</u>	<u>M-Factors</u>
110-43-0	GHS02-GHS07	H226-302-332	0
112945-52-5			0
108-65-6	GHS02	H226	0
123-54-6	GHS02-GHS06	H226-301-331	0
64742-95-6	GHS07-GHS08	H304-335-336-340-350	0

77-58-7	GHS05-GHS06-GHS08-GHS09	H301-314-317-341-360-370-400	1
91-20-3	GHS07-GHS08-GHS09	H302-351-400-410	0

**Additional Information:** The text for GHS Hazard Statements shown above (if any) is given in Section 16.

## 4. First-aid Measures

### 4.1 Description of First Aid Measures

**GENERAL NOTES:** No Information

**AFTER INHALATION:** Move to fresh air. Keep respiratory tract clear.

**AFTER SKIN CONTACT:** Use a mild soap if available. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

**AFTER EYE CONTACT:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses.

**AFTER INGESTION:** Gently wipe or rinse the inside of the mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

### Self protection of the first aider:

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

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

Harmful in contact with skin and if swallowed. May cause long-term adverse effects in the aquatic environment.

### 4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

## 5. Fire-fighting Measures

### 5.1 Extinguishing Media:

Carbon Dioxide, Dry Chemical, Foam

**FOR SAFETY REASONS NOT TO BE USED:** Alcohol, Alcohol based solutions, any other media not listed above.

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

Flammable.

### 5.3 Advice for firefighters

Flash back possible over considerable distance. In the event of fire, wear self-contained breathing apparatus. Water mist/Dry powder/Foam/Carbon dioxide (CO<sub>2</sub>)/High volume water jet. Do not use a solid water stream as it may scatter and spread fire. Hazardous decomposition products formed under fire conditions.

## 6. Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment. Remove all sources of ignition.

### 6.2 Environmental precautions

Do not allow material to contaminate ground water system. Prevent product from entering drains.

### 6.3 Methods and material for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

### 6.4 Reference to other sections

Please refer to disposal requirements or country specific disposal requirements for this material. See Section 13 for further information.

## 7. Handling and Storage

### 7.1 Precautions for safe handling

**INSTRUCTIONS FOR SAFE HANDLING:** Electrical equipment should be protected to the appropriate standard. Use only in area provided with appropriate exhaust ventilation. Provide exhaust ventilation close to floor level. Wear personal protective equipment.

**PROTECTION AND HYGIENE MEASURES:** Keep working clothes separately. Keep away from food, drink and animal feedingstuffs. When using, do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practice for diagnostics.

### 7.2 Conditions for safe storage, including any incompatibilities

**CONDITIONS TO AVOID:** Direct sources of heat.

**STORAGE CONDITIONS:** Keep in an area equipped with solvent resistant flooring. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

### 7.3 Specific end use(s)

No specific advice for end use available.

## 8. Exposure Controls/Personal Protection

### 8.1 Control parameters

#### Ingredients with Occupational Exposure Limits (US)

<u>Name</u>	<u>CAS-No.</u>	<u>ACGIH TWA</u>	<u>ACGIH STEL</u>	<u>ACGIH Ceiling</u>
Heptan-2-one	110-43-0	50 PPM		
silica, crystalline free	112945-52-5	10. MG/M3		
2-methoxy-1-methylethyl-acetate	108-65-6	100 ppm		
Pentane-2,4-dione	123-54-6	25 PPM		
Solvent naphtha (petroleum), light arom.	64742-95-6	300.0 PPM		
dibutyltin dilaurate	77-58-7	0.1 mg/m3		
Naphthalene	91-20-3	10 PPM	15 ppm	

<u>Name</u>	<u>CAS-No.</u>	<u>OSHA PEL</u>	<u>OSHA STEL</u>
Heptan-2-one	110-43-0	465 MGM3, 100 PPM	
silica, crystalline free	112945-52-5	20. MPPCF	
2-methoxy-1-methylethyl-acetate	108-65-6		
Pentane-2,4-dione	123-54-6		
Solvent naphtha (petroleum), light arom.	64742-95-6	500.0 PPM	
dibutyltin dilaurate	77-58-7	0.10 mg/m3	
Naphthalene	91-20-3	50 MGM3, 10 PPM	75 MGM3, 15 PPM

**FURTHER INFORMATION:** Refer to the regulatory exposure limits for the workforce enforced in each country.

## 8.2 Exposure controls

### Personal Protection

**RESPIRATORY PROTECTION:** Respirator with filter for organic vapor.

**EYE PROTECTION:** Ensure that eyewash stations and safety showers are close to the workstation location. Safety glasses. Safety goggles.

**HAND PROTECTION:** Solvent-resistant gloves. Follow the skin protection plan. Remove and wash contaminated clothing before re-use. Flame retardant antistatic protective clothing

**OTHER PROTECTIVE EQUIPMENT:** No Information

**ENGINEERING CONTROLS:** Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas.

## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Appearance:	CLEAR RESIN
Physical State	Liquid
Odor	CITRUS-LIKE ODOR
Odor threshold	Not determined
pH	NON-AQUEOUS
Melting point / freezing point (°C)	Not determined
Boiling point/range (°C)	64 - N.D.
Flash Point, (°F / °C)	125F/52C
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Upper/lower flammability or explosive limits	N/A - N/A
Vapour Pressure	LESS THAN 1 mmHg
Vapour density	NOT DETERMINED
Relative density	Not determined
Solubility in / Miscibility with water	SLIGHT
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature (°C)	Not determined
Decomposition temperature (°C)	Not determined
Viscosity	20K @ 5rpm, 3K @ 50 rpm 100 - 150
Explosive properties	Not determined
Oxidising properties	Not determined

### 9.2 Other information

VOC Content g/l:	378
Grams of VOC per liter of coating product as applied (mixture of Part A and Part B) per ASTM D2369 Method E.	
Specific Gravity (g/cm <sup>3</sup> )	0.989

## 10. Stability and Reactivity

### 10.1 Reactivity

No reactivity hazards known under normal storage and use conditions. Explosive reaction may occur on heating or burning.

**10.2 Chemical stability**

Stable under recommended storage conditions. Risk of ignition.

**10.3 Possibility of hazardous reactions**

Hazardous polymerisation does not occur.

**10.4 Conditions to avoid**

Direct sources of heat.

**10.5 Incompatible materials**

Do not store together with oxidizing and self-igniting products. Strong oxidizing agents.

**10.6 Hazardous decomposition products**Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke.**11. Toxicological Information****11.1 Information on toxicological effects****Acute Toxicity:**

Oral LD50: No information

Inhalation LC50: No information

Irritation: No information available.

Corrosivity: No information available.

Sensitization: No information available.

Repeated dose toxicity: No information available.

Carcinogenicity: No information available.

Mutagenicity: No information available.

Toxicity for reproduction: No information available.

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested.  
Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>	<u>Gas LC50</u>	<u>Dust/Mist LC50</u>
110-43-0	Heptan-2-one	1670 mg/kg rat oral		2000 ppm, 4 hours	0.000	0.000
112945-52-5	silica, crystalline free	10000 mg/kg, oral, rat			0.000	0.000
108-65-6	2-methoxy-1-methylethyl-acetate	5155 mg/kg, oral (rat)	>5000 mg/kg	1105 mg/m <sup>3</sup> /4H	0.000	0.000
123-54-6	Pentane-2,4-dione	55 mg/kg oral, rat		10 mg/24 hours rabbit	0.000	0.000
64742-95-6	Solvent naphtha (petroleum), light arom.	4700 mg/kg, oral, rat	>3480 mg/kg, rabbit	3670 ppm/4 hours, rat, inhalation	0.000	0.000
77-58-7	dibutyltin dilaurate	175 mg/kg, oral, rat			0.000	0.000

**Additional Information:**

No Information

## 12. Ecological Information

- 12.1 **Toxicity:**
- |                      |                |
|----------------------|----------------|
| EC50 48hr (Daphnia): | No information |
| IC50 72hr (Algae):   | No information |
| LC50 96hr (fish):    | No information |
- 12.2 **Persistence and degradability:** No information
- 12.3 **Bioaccumulative potential:** No information
- 12.4 **Mobility in soil:** No information
- 12.5 **Results of PBT and vPvB assessment:** No information
- 12.6 **Other adverse effects:** No information

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>EC50 48hr</u>	<u>IC50 72hr</u>	<u>LC50 96hr</u>
110-43-0	Heptan-2-one	No information	No information	
112945-52-5	silica, crystalline free	No information	No information	
108-65-6	2-methoxy-1-methylethyl-acetate	No information	No information	
123-54-6	Pentane-2,4-dione	No information	No information	
64742-95-6	Solvent naphtha (petroleum), light arom.	>1 - 10 mg/l	>1 - 10 mg/l	>10-100 mg/l
77-58-7	dibutyltin dilaurate	2.28 mg/l	No information	2 mg/l
91-20-3	Naphthalene	No information	No information	

## 13. Disposal Considerations

- 13.1 **WASTE TREATMENT METHODS:** Do not burn, or use a cutting torch on, the empty drum. Dispose of as hazardous waste in compliance with local and national regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport Information

- 14.1 **UN number** UN1993
- 14.2 **UN proper shipping name** FLAMMABLE LIQUID N.O.S.  
**Technical name** (CONTAINS AROMATIC HYDROCARBONS, N-BUTYL ACETATE)
- 14.3 **Transport hazard class(es)** 3  
**Subsidiary shipping hazard** Not applicable
- 14.4 **Packing group** III
- 14.5 **Environmental hazards** Not applicable
- 14.6 **Special precautions for user** Not applicable  
**EmS-No.:** F-E, S-E
- 14.7 **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code** Not applicable

## 15. Regulatory Information

- 15.1 **Safety, health and environmental regulations/legislation for the substance or mixture:**

**U.S. Federal Regulations: As follows -****CERCLA - Sara Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Flammable (gases, aerosols, liquids, or solids), Carcinogenicity, Acute Toxicity (any route of exposure), Germ cell mutagenicity

**Sara Section 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the U.S. Superfund Amendment and Reauthorization Act (SARA) of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>
Cumene	98-82-8
Ethylenediamine	107-15-3
Methanol	67-56-1
Toluene	108-88-3
Benzene	71-43-2
Naphthalene	91-20-3
Ethylbenzene	100-41-4

**Toxic Substances Control Act:**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

<u>Chemical Name</u>	<u>CAS-No.</u>
Pentane-2,4-dione	123-54-6
Ethylenediamine	107-15-3
Naphthalene	91-20-3

**U.S. Clean Air Act:**

EPA Coating Category:	INDUSTRIAL MAINTENANCE COATINGS
EPA VOC Content Limit (g/l):	450
Product VOC Content (g/l)	378
Thinning Recommendations:	NONE
Application Recommendations:	FOR PROFESSIONAL USE ONLY.

\* As per the federal EPA definition for coating categories in 40 CFR 59.401.

\*\* Grams of VOC per liter of coating product as applied (mixture of Part A and Part B) per ASTM D2369 Method E.

**U.S. State Regulations: As follows -****New Jersey Right-to-Know:**

The following materials are non-hazardous, but are among the top five components in this product.

<u>Chemical Name</u>	<u>CAS-No.</u>
polyester polyol	18275200000-5158
polyester polyol	67815-82-1

**Pennsylvania Right-To-Know**

The following non-hazardous ingredients are present in the product at greater than 3%.

<u>Chemical Name</u>	<u>CAS-No.</u>
polyester polyol	18275200000-5158
polyester polyol	67815-82-1

**California Proposition 65:**

WARNING: Cancer - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



WARNING: Reproductive Toxicant -- www.P65Warnings.ca.gov

## International Regulations: As follows -

### \* Canadian DSL:

All chemical ingredients included on inventory or exempt.

### 15.2 Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## 16. Other Information

### Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H341	Suspected of causing genetic defects.
H350	May cause cancer.
H351	Suspected of causing cancer.
H360	May damage fertility or the unborn child.
H370	Causes damage to organs.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

### Reasons for revision

Composition Information Changed

This Safety Data Sheet (SDS) has been revised to meet updated national hazard communication standards which have adopted the provisions of the UN GHS system. There have been both formatting and content changes based on the GHS classification (if applicable), Please review each section of the SDS for specific changes. This Safety Data Sheet (SDS) has been revised to meet the new EU CLP requirements. There have been both formatting and content changes based on the CLP classification (if applicable), please review each section of the SDS for specific changes.

### List of References:

This Safety Data Sheet was compiled with data and information from the following sources:

The Ariel Regulatory Database provided by the 3E Corporation in Copenhagen, Denmark;  
European Union Commission Regulation No. 1907/2006 on REACH as amended within Commission Regulation (EU) 2015/830;  
European Union (EC) Regulation No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) and subsequent technical progress adaptations (ATP);  
EU Council Decision 2000/532/EC and its Annex entitled "List of Wastes".

### Acronym & Abbreviation Key:

CLP	Classification, Labeling & Packaging Regulation
EC	European Commission

EU	European Union
US	United States
CAS	Chemical Abstract Service
EINECS	European Inventory of Existing Chemical Substances
REACH	Registration, Evaluation, Authorization of Chemicals Regulation
GHS	Globally Harmonized System of Classification and Labeling of Chemicals
LTEL	Long term exposure limit
STEL	Short term exposure limit
OEL	Occupational exposure limit
ppm	Parts per million
mg/m3	Milligrams per cubic meter
TLV	Threshold Limit Value
ACGIH	American Conference of Governmental Industrial Hygienists
OSHA	Occupational Safety & Health Administration
PEL	Permissible Exposure Limits
VOC	Volatile organic compounds
g/l	Grams per liter
mg/kg	Milligrams per kilogram
N/A	Not applicable
LD50	Lethal dose at 50%
LC50	Lethal concentration at 50%
EC50	Half maximal effective concentration
IC50	Half maximal inhibitory concentration
PBT	Persistent bioaccumulative toxic chemical
vPvB	Very persistent and very bioaccumulative
EEC	European Economic Community
ADR	International Transport of Dangerous Goods by Road
RID	International Transport of Dangerous Goods by Rail
UN	United Nations
IMDG	International Maritime Dangerous Goods Code
IATA	International Air Transport Association
MARPOL	International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978
IBC	International Bulk Container
RTI	Respiratory Tract Irritation
NE	Narcotic Effects

For further information, please contact: Technical Services Department

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product or where instructions and recommendations are not followed.

