

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 03/09/2012

Revised On 03/09/2012

1 Identification of the substance and manufacturer

Trade name: RUBBER FLEXX SEALANT
Product code: 0316-GA
Manufactured For: Gardner-Gibson, Inc.
 P.O. Box 5449
 Tampa, FL 33675
 phone: 813-248-2101
 www.gardner-gibson.com



Information department: Health & Safety Department
Emergency telephone number: CHEMTEL 1-800-255-3924, 813-248-0585 *if located outside the U.S.*

2 Composition/information on ingredients

Chemical Description: This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous components:

1317-65-3	Calcium Carbonate	25.2%
8052-42-4	Asphalt	18.0%
108-88-3	Toluene	16.2%
64742-89-8	VM&P Naphtha	13.5%
1332-58-7	Aluminum Silicate	8.1%
74-98-6	propane	6.3%
106-97-8	n-butane	3.7%

3 Hazards identification

Hazard Information for people and the environment:

Extremely flammable liquid and vapor in a pressurized container. Keep away from heat, sparks, and flame.
 Has narcotizing effect.

Risk phrases:

Extremely flammable.
 Irritating to respiratory system and skin.
 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
 Possible risk of harm to the unborn child

Safety phrases:

Keep out of the reach of children.
 Keep away from sources of ignition - No smoking.
 Do not breathe gas/fumes/vapour/spray.
 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point
 Wear suitable protective clothing and gloves.
 If swallowed, seek medical advice immediately and show this container or label.
 Use only in well-ventilated areas.

Effects of chronic overexposure:

May cause permanent brain and nervous system damage. Repeated overexposure can also damage kidneys, lungs, liver, heart, and blood. Intentional misuse by deliberately inhaling the contents may be harmful or fatal.

HMIS-ratings (0 - 4):

Health= 1
 Fire= 4
 Physical Hazard= 3

4 First aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact: Remove contaminated clothing. Wash exposed area with soap and water.
After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
After swallowing: Contact physician or poison control center.

5 Firefighting measures

Extinguishing agents: CO₂, sand, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.
Special hazards: No further relevant information available.
Protective equipment: No special measures required.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away.
Environmental precautions: Do not allow product to reach sewage systems or ground water.

(Contd. on page 2)

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 03/09/2012

Revised On 03/09/2012

Trade name: RUBBER FLEXX SEALANT

(Contd. of page 1)

Methods and material for containment and cleaning up:

Ensure adequate ventilation.

7 Handling and storage

Fire/explosion protection: Do not spray on a naked flame or any incandescent material. Do not smoke. Protect from electrostatic discharges.

Storage requirements: Observe pressurized container storage regulations. Consult with your local authorities.

8 Exposure controls/personal protection

Components with limit values that require monitoring at the workplace:

8052-42-4 Asphalt

REL Short-term value: C 5* mg/m³
*15-min; See Pocket Guide App. A
TLV 0.5* mg/m³
*inh. fraction; as benzene-soluble aerosol; BEIp

108-88-3 Toluene

PEL Short-term value: C 300; 500* ppm
Long-term value: 200 ppm
*10-min peak per 8-hr shift
REL Short-term value: 560 mg/m³, 150 ppm
Long-term value: 375 mg/m³, 100 ppm
TLV 75 mg/m³, 20 ppm
BEI

1332-58-7 Aluminum Silicate

PEL 15* 5** mg/m³
*total dust **respirable fraction
REL 10* 5** mg/m³
*total dust **respirable fraction
TLV 2* mg/m³
E; as respirable fraction

74-98-6 propane

PEL 1800 mg/m³, 1000 ppm
REL 1800 mg/m³, 1000 ppm
TLV Varies mg/m³, 1000 ppm

106-97-8 n-butane

REL 1900 mg/m³, 800 ppm
TLV Varies mg/m³, 1000 ppm

Hygienic protection: Keep away from foodstuffs and animal feed. Wash hands after use.

Breathing equipment: A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

Hand protection: Protective gloves. The glove material has to be impermeable and resistant to the substance. No glove recommendation can be given.

Eye protection: Tightly sealed goggles

9 Physical and chemical properties

Odor: Aromatic

pH-value: Not determined.

Boiling point: -44°C (-47 °F)

Flash point: -19°C (-2 °F)

Flammability (solid, gaseous): Not applicable.

Auto igniting: Product is not self-igniting.

Danger of explosion: Stable at normal temperatures. Can may burst when exposed to temperatures exceeding 120 degrees fahrenheit.
In use, may form flammable/explosive vapour-air mixture.

Lower Explosion Limit: Not determined.

Upper Explosion Limit: Not determined.

Vapor Pressure: 40 PSI, 2750 hPa

Specific Gravity: Between 0.77 and 0.85 (Water equals 1.00)

VOC content: 425.1 g/l / 3.55 lb/gl

VOC content (less exempt solvents): 39.7 %

MIR Value: 0.92

Solids content: 60.1 %

(Contd. on page 3)

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 03/09/2012

Revised On 03/09/2012

Trade name: RUBBER FLEXX SEALANT

Other information

No further relevant information available.

(Contd. of page 2)

10 Stability and reactivity**Conditions to avoid:** Do not allow the can to exceed 120 degrees Fahrenheit. Stable at normal temperatures.**Hazardous decomposition:** No dangerous decomposition products known.**11 Toxicological information****Skin effects:** No irritant effect.**Eye effects:** No irritating effect.**Sensitization:** No sensitizing effects known.**12 Ecological information****Aquatic toxicity:** Hazardous for water, do not empty into drains.**Other information:** This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), or chlorinated solvents.**13 Disposal considerations****DISPOSAL METHOD:** Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.**Recommendation:** Completely empty cans should be recycled.**14 Transport information****UN-Number:** UN1950
DOT: Consumer Commodity ORM-D
AEROSOLS, flammable**Class:** 2.1**Marine pollutant:** No**EMS Number:** F-D,S-U**Packaging Group:** --**15 Regulatory information****SARA Section 355 (extremely hazardous substances):**

None of the ingredients in this product are listed.

SARA Section 313 (Specific toxic chemical listings):

108-88-3 Toluene

TSCA: All ingredients are listed.**CPSC:** This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.**California Proposition 65 chemicals known to cause cancer:**

1333-86-4 Carbon black

California Proposition 65**chemicals know to cause developmental toxicity:** 108-88-3 Toluene**EPA:**

108-88-3 Toluene

II

IARC:

8052-42-4 Asphalt

3

108-88-3 Toluene

3

14807-96-6 Talc (Mg₃H₂(SiO₃)₄)

3

ACGIH:

8052-42-4 Asphalt

A4

108-88-3 Toluene

A4

14807-96-6 Talc (Mg₃H₂(SiO₃)₄)

A4

1332-58-7 Aluminum Silicate

A4

NIOSH:

8052-42-4 Asphalt

1333-86-4 Carbon black

16 Other information

This product was manufactured in the U.S.A.

The information on this sheet 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.

(Contd. on page 4)

Material Safety Data Sheet
acc. to ISO/DIS 11014

Printing date 03/09/2012

Revised On 03/09/2012

Trade name: RUBBER FLEXX SEALANT**Contact:**

Regulatory Affairs

(Contd. of page 3)

**Abbreviations and
acronyms:**

IMDG: International Maritime Code for Dangerous Goods
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
ISO: International Organization for Standardization
DOT: US Department of Transportation
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
EPA: Environmental Protection Agency
IARC: International Agency for the Research of Cancer
NIOSH: National Institute for Occupational Safety and Health
TSCA: Toxic Substances Control Act
CPSC: Consumer Product Safety Commission

USA