



# Safety Data Sheet

**24 Hour Emergency Phone Numbers:**
**Medical/Poison Control:**

In U.S.: Call 1-800-222-1222

Outside U.S.: Call your local poison control center

**Transportation/National Response Center:**

1-800-535-5053

1-352-323-3500

NOTE: The National Response Center emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

**IMPORTANT:** Provide this information to employees, customers, and users of this product. Read this SDS before handling or disposing of this product. This product is covered by the OSHA Hazard Communication Standard and this document has been prepared in accordance with requirements of this standard. All abbreviated terms used in this MSDS are further described in Section 16.

## 1. Identification

This Material Safety Data Sheet is available in American Spanish upon request.  
Los Datos de Seguridad del Producto pueden obtenerse en Espanol si lo requiere.

<b>Product Name:</b>	Gutter & Flashing Butyl-Flex Rubber Sealant	<b>Revision Date:</b>	5/11/2015
<b>Product UPC Number:</b>	18184, 18185	<b>Supercedes Date:</b>	3/8/2012
<b>Product Use/Class:</b>	Caulking Compound	<b>SDS No:</b>	00010006004
<b>Manufacturer:</b>	DAP Products Inc. 2400 Boston Street Suite 200 Baltimore, MD 21224-4723 888-327-8477 (non-emergency matters)		
<b>Preparer:</b>	Regulatory Department		

## 2. Hazards Identification

**EMERGENCY OVERVIEW:** DANGER! Flammable liquid and vapor. Vapors may cause flash fire or explosion. Vapors can form an ignitable mixture with air. Vapors can flow along surfaces to a distant ignition source and flash back. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Keep container closed and away from heat, sparks, and open flame. Store away from caustics and oxidizers. Avoid breathing vapor. Avoid skin and eye contact. Use only with adequate ventilation. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. May cause eye, skin, nose, throat and respiratory tract irritation. Harmful or fatal if swallowed. May affect the brain or nervous system causing dizziness, headache or nausea.

**GHS Classification**

Flam. Liq. 3

**Symbol(s) of Product****Signal Word**

Warning

**GHS HAZARD STATEMENTS**

Flammable Liquid, category 3                      H226                      Flammable liquid and vapour.

**GHS LABEL PRECAUTIONARY STATEMENTS**

P210                      Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240                      Ground/bond container and receiving equipment.

P241                      Use explosion-proof electrical/ventilating/lighting/.../ equipment.

P242                      Use only non-sparking tools.

P243                      Take precautionary measures against static discharge.

### 3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
Limestone	1317-65-3	50-75	GHS07	H332
Calcium Carbonate	471-34-1	50-75	GHS07	H332
Stoddard solvent	8052-41-3	10-25	GHS02-GHS08	H224-304
Magnesite	546-93-0	2.5-10	No Information	No Information
Titanium dioxide	13463-67-7	2.5-10	No Information	No Information
Carbon black	1333-86-4	2.5-10	GHS02-GHS06	H251-331
Quaternary ammonium bentonite	68153-30-0	2.5-10	No Information	No Information
Quartz	14808-60-7	0.1-1.0	GHS07	H302

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

### 4. First-aid Measures

**FIRST AID - INHALATION:** If inhaled, remove to fresh air. If breathing is difficult, leave the area to obtain fresh air. If continued breathing difficulty is experienced, get medical attention immediately. NOTE: Only trained personnel should administer artificial respiration or give oxygen.

**FIRST AID - SKIN CONTACT:** Wash skin with soap and water for 15 minutes. Get medical aid if symptoms persist. Remove and wash contaminated clothing.

**FIRST AID - EYE CONTACT:** If material gets into eyes, flush with water immediately for 15 minutes. Consult a physician.

**FIRST AID - INGESTION:** If swallowed, DO NOT INDUCE VOMITING. Get medical attention immediately.

### 5. Fire-fighting Measures

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Eliminate sources of ignition: heat, electrical equipment, sparks and flames. Vapors can form an ignitable mixture with air. Vapors can flow along surfaces to a distant ignition source and flash back. Vapors may form explosive mixtures with air. Containers may explode if exposed to extreme heat. Empty containers retain product residue (liquid and/or vapor). Vapor can ignite potentially causing an explosion.

**SPECIAL FIREFIGHTING PROCEDURES:** Wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear. Use water spray to cool exposed surfaces.

**EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemical, Foam

## 6. Accidental Release Measures

**ENVIRONMENTAL MEASURES:** No Information

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** NOTE: Review fire hazards before proceeding with clean up. Immediately eliminate sources of ignition. Keep people away from and upwind of spill/leak. Scrape up dried material and place into containers. Prevent product from entering drains. Soak up with inert absorbent material and dispose of as hazardous waste. Read all product instructions before using. Personal protective equipment should include impervious gloves, protective eye wear, and suitable work clothes.

## 7. Handling and Storage

**HANDLING:** KEEP OUT OF REACH OF CHILDREN! Remove all sources of ignition. DO NOT TAKE INTERNALLY. Keep away from open flames, hot surfaces and sources of ignition. Provide adequate ventilation. Avoid heat, sparks and open flames. Wear appropriate personal protection. Avoid breathing vapor and contact with eyes, skin and clothing. Use in well ventilated area. Open all windows and doors or use other means to ensure cross-ventilation and fresh air entry during application and drying. Odor is not an adequate warning for hazardous conditions. Empty containers retain product residue (liquid and/or vapor). Vapor can ignite potentially causing an explosion. Wash thoroughly after handling. Do not use in areas where static sparks may be generated.

**STORAGE:** Store away from sources of ignition and heat. Do not store at temperatures above 120 degrees F. Store containers away from excessive heat and freezing. Store away from caustics and oxidizers. Keep containers tightly closed.

## 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Limestone	N.E.	N.E.	15 mg/m <sup>3</sup> TWA total dust, 5 mg/m <sup>3</sup> TWA respirable fraction	N.E.
Calcium Carbonate	N.E.	N.E.	N.E.	N.E.
Stoddard solvent	100 ppm TWA	N.E.	500 ppm TWA, 2900 mg/m <sup>3</sup> TWA	N.E.
Titanium dioxide	10 mg/m <sup>3</sup> TWA	N.E.	15 mg/m <sup>3</sup> TWA total dust	N.E.
Magnesite	N.E.	N.E.	15 mg/m <sup>3</sup> TWA total dust, 5 mg/m <sup>3</sup> TWA respirable fraction	N.E.
Carbon black	3 mg/m <sup>3</sup> TWA inhalable fraction	N.E.	3.5 mg/m <sup>3</sup> TWA	N.E.
Quaternary ammonium bentonite	N.E.	N.E.	N.E.	N.E.
Quartz	0.025 mg/m <sup>3</sup> TWA respirable fraction	N.E.	N.E.	N.E.

**Further Advice:** MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation Sk = Skin Sensitizer N.E. = Not Established

### Personal Protection



**RESPIRATORY PROTECTION:** A NIOSH-approved air purifying respirator with an organic vapor cartridge or canister may be necessary under certain circumstances where airborne concentrations are expected to exceed exposure limits. If concentrations exceed the exposure limits specified, use of a NIOSH-approved supplied air respirator is recommended. Where the protection factor is exceeded, use of a Self Contained Breathing Apparatus (SCBA) may be necessary. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels

are above applicable limits, wear and appropriate, properly fitted respirator (NIOSH approved) during and after application. National Institute for Occupational Safety and Health (NIOSH) has recommended that the permissible exposure limit be changed to 50 micrograms respirable free silica per cubic meter of air (0.05 mg/m<sup>3</sup>) as determined by a full shift sample up to 10-hour work shift. A respiratory protection program that meets the OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.



**SKIN PROTECTION:** Solvent-resistant gloves.



**EYE PROTECTION:** Goggles or safety glasses with side shields.



**OTHER PROTECTIVE EQUIPMENT:** Provide eyewash and solvent impervious apron if body contact may occur.



**HYGIENIC PRACTICES:** Remove and wash contaminated clothing before re-use.

## 9. Physical and Chemical Properties

<b>Appearance:</b>	White to Off-White	<b>Physical State:</b>	Paste
<b>Odor:</b>	Strong Solvent	<b>Odor Threshold:</b>	Not Established
<b>Density, g/cm<sup>3</sup>:</b>	1.40 - 1.51	<b>pH:</b>	Not Established
<b>Freeze Point, °C:</b>	Not Established	<b>Viscosity (mPa.s):</b>	Not Established
<b>Solubility in Water:</b>	Not Established	<b>Partition Coeff., n-octanol/water:</b>	Not Established
<b>Decomposition Temperature, °C:</b>	Not Established	<b>Explosive Limits, %:</b>	N.I. - N.I.
<b>Boiling Range, °C:</b>	N.I. - N.I.	<b>Auto-Ignition Temperature, °C</b>	Not Established
<b>Minimum Flash Point, °C:</b>	36.7	<b>Vapor Pressure, mmHg:</b>	No Information
<b>Evaporation Rate:</b>	Faster Than n-Butyl Acetate	<b>Flash Method:</b>	Seta Closed Cup
<b>Vapor Density:</b>	Heavier Than Air		
<b>Combustibility:</b>	Does not Support Combustion		

(See "Other information" Section for abbreviation legend)

(If product is an aerosol, the flash point stated above is that of the propellant.)

## 10. Stability and Reactivity

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** Keep away from open flames, hot surfaces and sources of ignition. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions. Do not smoke.

**INCOMPATIBILITY:** Open flames, hot surfaces and sources of ignition. Keep away from strong oxidizing agents, heat and open flames. Strong acids and strong bases.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Normal decomposition products, i.e., CO<sub>x</sub>, NO<sub>x</sub>.

## 11. Toxicological Information

**EFFECT OF OVEREXPOSURE - INHALATION:** Inhalation of vapors may cause irritation of the nose, throat, lungs and respiratory tract. Inhalation of vapors in high concentration may cause shortness of breath (lung edema). Prolonged, repeated or high exposures may cause central nervous system depression leading to headaches, nausea, drowsiness, dizziness, and possibly narcosis. In extreme cases, may cause loss of consciousness.

**EFFECT OF OVEREXPOSURE - SKIN CONTACT:** May cause skin irritation. Prolonged and repeated skin contact may cause dermatitis, drying and defatting due to the solvent properties.

**EFFECT OF OVEREXPOSURE - EYE CONTACT:** May cause eye irritation.

**EFFECT OF OVEREXPOSURE - INGESTION:** Harmful or fatal if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause gastrointestinal disturbances with dizziness and central nervous system depression. If ingested, may cause depressed respiration.

**CARCINOGENICITY:** No Information

**PRIMARY ROUTE(S) OF ENTRY:** Eye Contact, Inhalation, Skin Contact

#### Acute Toxicity Values

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>
1317-65-3	Limestone	6450 mg/kg Rat	>2000 mg/kg	>20 mg/L
471-34-1	Calcium Carbonate	6450 mg/kg Rat	>2000 mg/kg Rat	>20 mg/L
8052-41-3	Stoddard solvent	>7000 mg/kg Rat	>2000 mg/kg Rabbit	21 mg/L Rat
546-93-0	Magnesite	>2000 mg/kg Rat	>2000 mg/kg	>20 mg/L
13463-67-7	Titanium dioxide	>10000 mg/kg Rat	>5000 mg/kg Rabbit	>20 mg/L
1333-86-4	Carbon black	>8000 mg/kg Rat	>3000 mg/kg Rabbit	6.750 mg/m3 Rat
68153-30-0	Quaternary ammonium bentonite	N.I.	N.I.	N.I.
14808-60-7	Quartz	500 mg/kg Rat	>2000 mg/kg	>20 mg/L

N.I. = No Information

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** Ecological injuries are not known or expected under normal use.

## 13. Disposal Information

**DISPOSAL METHOD:** Residues and spilled material are hazardous waste due to ignitability. Dispose of material in accordance with all federal, state and local regulations. State and Local regulations/restrictions are complex and may differ from Federal regulations. Responsibility for proper waste disposal is with the owner of the waste. Liquids cannot be disposed of in a landfill. Do not flush into surface water or sanitary sewer system. Do not empty into drains. Do not re-use empty containers. The container for this product can present explosion or fire hazards, even when emptied. To avoid risk of injury, do not cut, puncture, or weld on or near this container.

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** NOTE: Review fire hazards before proceeding with clean up. Immediately eliminate sources of ignition. Keep people away from and upwind of spill/leak. Scrape up dried material and place into containers. Prevent product from entering drains. Soak up with inert absorbent material and dispose of as hazardous waste. Read all product instructions before using. Personal protective equipment should include impervious gloves, protective eye wear, and suitable work clothes.

## 14. Transport Information

**SPECIAL TRANSPORT PRECAUTIONS:** No Information

<b>DOT Proper Shipping Name:</b>	Adhesives, containing a flammable liquid	<b>Hazard SubClass:</b>	N.A.
<b>DOT Technical Name:</b>	N.A.	<b>DOT UN/NA Number:</b>	UN1133
<b>DOT Hazard Class:</b>	3		
<b>Packing Group:</b>	III		

## 15. Regulatory Information

### U.S. Federal Regulations:

#### 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:

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

#### SARA SECTION 313:

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

No Sara 313 components exist in this product.

#### TOXIC SUBSTANCES CONTROL ACT:

All ingredients in this product are either on TSCA inventory list, or otherwise exempt.

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

No TSCA12(b) components exist in this product in concentrations at or above their thresholds.

#### CALIFORNIA PROPOSITION 65 CARCINOGENS

WARNING: This product contains chemicals known to the State of California to cause cancer.

#### CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

This product does not contain any chemicals known to the State of California to cause birth defects or other reproductive harm.

### International Regulations: As follows -

#### CANADIAN WHMIS:

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

**WHMIS Class** Consumer Commodity.

## 16. Other Information

**Revision Date:** 5/11/2015 **Supersedes Date:** 3/8/2012

**Reason for revision:** HazCom2012/GHS Conversion

**Datasheet produced by:** Regulatory Department

#### HMIS Ratings:

<b>Health:</b>	2	<b>Flammability:</b>	2	<b>Reactivity:</b>	0	<b>Personal Protection:</b>	X
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VOC Less Water Less Exempt, g/L:210.0

VOC, Material, g/L:210

VOC as Defined by California Consumer Product Regulation, Wt/Wt%:15.0

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

H224	Extremely flammable liquid and vapour.
H251	Self-heating: may catch fire.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.

H331 Toxic if inhaled.  
H332 Harmful if inhaled.

**Icons for GHS Pictograms shown in Section 3 describing each ingredient:**

GHS02



GHS06



GHS07



GHS08



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

DAP believes the data and statements contained herein are accurate as of the date hereof. They are offered in good faith as typical values and not as a product specification. NO WARRANTY OF MERCHANTABILITY, WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE WITH REGARD TO THE INFORMATION HEREIN PROVIDED OR THE PRODUCT TO WHICH THE INFORMATION REFERS. Since this document is intended only as a guide to the appropriate use and precautionary handling of the referenced product by a properly trained person, it is therefore the responsibility of the user to (i) review the recommendations with due consideration for the specific context of the intended use and (ii) determine if they are appropriate.