

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 2015/830 and US OSHA HCS 2015

Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Code:** TBGS-A
Product Name: Butt Gap sealant PD 12-40 Part A
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant identified uses: Gap Filler & Sealant
- 1.3 Details of the Supplier of the Safety Data Sheet:**
Company Name: TIODIZE CO, INC.
5858 ENGINEER DRIVE
HUNTINGTON BEACH, CA 92649 United States of America
Web site address: tiodize.com
Email address: tiodize@tiodize.com
Information: 1-813-248-0585 International
- 1.4 Emergency telephone number:**
Emergency Contact: 1-800-255-3924 (U.S. & Canada)
112-808-250-143 (Portugal)
800-789-767(Italy)

Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
Acute Toxicity: Inhalation, Category 4
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2
Skin Sensitization, Category 1
Specific Target Organ Toxicity (single exposure), Category 3
Aquatic Toxicity (Chronic), Category 3

- 2.2 Label Elements:**



GHS Signal Word: Warning

GHS Hazard Phrases:

H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H332 - Harmful if inhaled.
H335 - May cause respiratory irritation.
H336 - May cause drowsiness or dizziness.
H412 - Harmful to aquatic life with long lasting effects.

GHS Precautionary Phrases:

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash hands 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.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases:

P302+352 - IF ON SKIN: Wash with plenty of soap and water.
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
 P321 - Specific treatment see ... on this label.
 P332+313 - If skin irritation occurs, get medical advice/attention.
 P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
 P337+313 - If eye irritation persists, get medical advice/attention.
 P362+364 - Take off contaminated clothing and wash it before reuse.

GHS Storage and Disposal Phrases:

P403+233 - Store container tightly closed in well-ventilated place.
 P405 - Store locked up.
 P501 - Dispose of contents/container to ...

2.3 Adverse Human Health Moderately toxic; may cause nausea, diarrhea.

Effects and Symptoms:

2.3.3 Eye Contact: Slightly irritating but does not injure eye tissue.

Section 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	GHS Classification
9003-11-6	Poloxanlene na	<80.0 %	NA NA	Aquatic (C) 3: H412
5124-30-1	1,1'-Methylenebis(4-isocyanatocyclohexane) 01-2119457437-31	<25.0 %	225-863-2 615-009-00-0	Skin Corr. 2: H315 Skin Sens. 1: H317 Eye Damage 2: H319 Acute Tox.(I) 3: H331 Resp. Sens. 1: H334 STOT (SE) 3: H335 H336

Section 4. First Aid Measures

4.1 Description of First Aid Check the vital functions. Unconscious: maintain adequate airway and respiration.

Measures: Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with labored breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital. Never give alcohol to drink.

In Case of Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

In Case of Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.

In Case of Eye Contact: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

In Case of Ingestion: If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** ATL Foam Alcohol, Carbon Dioxide, Dry Chemical.
Media:
Unsuitable: Water.
Extinguishing Media:
- 5.2 Flammable Properties and Hazards:** No data available.
Hazardous: After ignition, the use of water can scatter the liquid thereby possibly spreading the fire.
Combustion Products: Ignition may also produce dense black smoke. Dangerous when exposed to heat or flame.
- Flammability Classification:** Combustible Class IIIB
Flash Pt: 148.9 C (300.00 F) Method Used: Pensky-Marten Closed Cup
Explosive Limits: LEL: No data. UEL: No data.
Autoignition Pt: NE
- 5.3 Fire Fighting Instructions:** Proper eye and skin protection should be used. Water is unsuitable, use extinguishing media.

Section 6. Accidental Release Measures

- 6.1 Protective Precautions, Protective Equipment and Emergency Procedures:** No data available.
- 6.2 Environmental Precautions:** Should not be released into the environment. Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system.
- 6.3 Methods and Material For Containment and Cleaning Up:** For small spills, vacuum into waste containers or absorb with dry sand or absorbent cloth. For large spills immediately evacuate the area and shut off potential ignition sources. Only personnel equipped with proper respiratory and skin/eye protection should be permitted in the area. Dike the area to contain the spill. Take precautions as necessary to prevent contamination of ground or surface waters. Recover with a wet vacuum or absorb spilled material in sawdust or vermiculite and sweep into closed containers for disposal. After all visible traces have been removed, thoroughly wet vacuum area again. **DO NOT FLUSH INTO SEWER.**

Section 7. Handling and Storage

- 7.1 Precautions To Be Taken in Handling:** Keep away from open flame or other ignition sources. Maintain adequate ventilation and keep from children. Note that some vapors are heavier than air and can displace air in low areas or confined spaces such as pits or tanks. Do not enter those areas where large quantities of vapors are suspected or collecting until exchanging the air or using special breathing apparatus with an observer present for possible assistance.
- 7.2 Precautions To Be Taken in Storing:** Do not store above 120°F.
 Store in a cool, dry well ventilated place, away from incompatible materials. Store in a closed/sealed container

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
5124-30-1	1,1'-Methylenebis(4-isocyanatocyclohexane)	ACGIH TLV	TLV: 0.005 ppm	

8.2 Exposure Controls:

8.2.1 Engineering Controls (Ventilation etc.): Use local exhaust at filling zones and where leakage is probable. Use mechanical ventilation for storage areas. For general dilution or local exhaust maintain adequate air exchange to avoid vapor build up. all ventilation should be designed in accordance with OSHA std. 29CFR 1910.94.

8.2.2 Personal protection equipment:

Eye Protection: Goggles.

Protective Gloves: Rubber gloves.

Other Protective Clothing: Safety shower and eye-wash fountain in manufacturing areas. Personal protective clothing and use of equipment must be in accordance with 29CFR 1910.132 and 29CFR 1910.133.

Respiratory Equipment (Specify Type): A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Work/Hygienic/Maintenance Practices: Do not smoke, eat or drink while using this product. Wash hands with soap and water before smoking, eating, drinking or using toilet facilities. Launder contaminated clothing before reuse.
 No data available.

Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: No data available.

pH: NE

Melting Point: NE

Boiling Point: NE

Flash Pt: 148.9 C (300.00 F) Method Used: Pensky-Marten Closed Cup

Evaporation Rate: NE

Saturated Vapor Concentration: NE

Flammability (solid, gas): No data available.

Explosive Limits: LEL: No data. UEL: No data.

Vapor Pressure (vs. Air or mm Hg): NE

Vapor Density (vs. Air = 1): No data.



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Specific Gravity (Water = 1):	1.03
Solubility in Water:	Insoluble
Octanol/Water Partition	No data.
Coefficient:	
Autoignition Pt:	NE
Decomposition Temperature:	No data.
Viscosity:	NE
9.2 Other Information	
Percent Volatile:	No data.
VOC / Volume:	NE

Section 10. Stability and Reactivity

10.1 Reactivity:	Not reactive.
10.2 Stability:	Unstable [<input type="checkbox"/>] Stable [<input checked="" type="checkbox"/>]
10.3 Conditions To Avoid -	High Temperatures.
Hazardous Reactions:	
Possibility of	Will occur [<input type="checkbox"/>] Will not occur [<input checked="" type="checkbox"/>]
Hazardous Reactions:	
10.4 Conditions To Avoid -	Sources of ignition such as sparks, hot spots, welding, flames, and cigarettes.
Instability:	
10.5 Incompatibility -	Strong oxidizing agents, stron lewis or mineral acids and strong mineral or organic
Materials To Avoid:	bases.
10.6 Hazardous	hydrogen sulfide, sulfur compounds, nitrogen oxides, oxides of carbon & other unknown
Decomposition or	compounds.
Byproducts:	

Section 11. Toxicological Information

11.1 Information on	No data available.
Toxicological Effects:	
Irritation or Corrosion:	Skin and eye irritation, drowsiness, lack of coordination.
Symptoms	Nasal irritation, drowsiness, lack of coordination.
related to	
Toxicological	
Characteristics:	
Chronic Toxicological	Exposure causes headaches, skin and respiratory irritation.
Effects:	
Carcinogenicity:	NTP? No IARC Monographs? No OSHA Regulated? No

Section 12. Ecological Information

12.1 Toxicity:	No data available.
12.2 Persistence and	No data available.
Degradability:	
12.3 Bioaccumulative	No data available.
Potential:	
12.4 Mobility in Soil:	No data available.
12.5 Results of PBT and	No data available.
vPvB assessment:	



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Butt Gap sealant PD 12-40 Part A

12.6 Other adverse effects: No data available.

Section 13. Disposal Considerations

13.1 Waste Disposal Method: Do not discharge into drains or the environment. Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Recycle by distillation. Do not landfill. Incinerate under surveillance with energy recovery. May be discharged to company wastewater treatment plant.

Section 14. Transport Information

14.1 LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Plastic material, Liquid, N.O.I., Non regulated.
DOT Hazard Class:
UN/NA Number:

14.1 LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Plastic material, Liquid, N.O.I., Non regulated.
UN Number:
Hazard Class:

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Plastic material, Liquid, N.O.I., Non regulated.
UN Number: **Packing Group:**
Hazard Class:

Section 15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
9003-11-6	Poloxanlene	No	No	No
5124-30-1	1,1'-Methylenebis(4-isocyanatocyclohexane)	No	No	Yes-Cat. N120

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

- | | |
|--|---|
| <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Explosive</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Flammable (gases, aerosols, liquid, or solid)</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Oxidizer (liquid, solid or gas)</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-reactive</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric (liquid or solid)</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric gas</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-heating</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Organic peroxide</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Corrosive to metal</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Gas under pressure (compressed gas)</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No In contact with water emits flammable gas</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Combustible Dust</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Physical) Hazard Not Otherwise Classified (HNOC)</p> | <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Acute toxicity (any route of exposure)</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Skin Corrosion or Irritation</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Serious eye damage or eye irritation</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Respiratory or Skin Sensitization</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Germ cell mutagenicity</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Carcinogenicity</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Reproductive toxicity</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Specific target organ toxicity (single or repeated exposure)</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Aspiration Hazard</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Simple Asphyxiant</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Health) Hazard Not Otherwise Classified (HNOC)</p> |
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Supersedes Revision: 11/27/2019

Regulatory Information

Statement:

Section 16. Other Information

Revision Date: 12/10/2019

Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

The information contained herein is furnished without expressed warranty of any kind. Data contained herein has been assembled by the manufacturer based on its own studies and is believed to be correct as of the data issued. However, there is no warranty implied as to the accuracy, completeness, or Adequacy of the information obtained.

The manufacturer shall not be liable, regardless of fault, to the vendee, the vendee's employees, or anyone, for any direct, special or consequential damages arising out of or in connection with the normal safe usage of the product. If there are any questions, please contact:

Tiodize Co, inc. at 714/898-4377.

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 2015/830 and US OSHA HCS 2015

Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Code:** TBGS-B
Product Name: Butt Gap sealant PD 12-40 Part B
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant identified uses: Gap Filler & Sealant
- 1.3 Details of the Supplier of the Safety Data Sheet:**
Company Name: TIODIZE CO, INC.
5858 ENGINEER DRIVE
HUNTINGTON BEACH, CA 92649 United States of America
Web site address: tiodize.com
Email address: tiodize@tiodize.com
Information: 1-813-248-0585 International
- 1.4 Emergency telephone number:**
Emergency Contact: 1-800-255-3924 (U.S. & Canada)
112-808-250-143 (Portugal)
800-789-767(Italy)

Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
Flammable Liquids, Category 4
Acute Toxicity: Oral, Category 4
Skin Corrosion/Irritation, Category 3
Skin Sensitization, Category 1

- 2.2 Label Elements:**



GHS Signal Word: Warning

GHS Hazard Phrases:

H227 - Combustible liquid.
H302 - Harmful if swallowed.
H316 - Causes mild skin irritation.
H317 - May cause an allergic skin reaction.

GHS Precautionary Phrases:

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases:

P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+352 - IF ON SKIN: Wash with plenty of soap and water.
P321 - Specific treatment see ... on this label.
P330 - Rinse mouth.
P332+313 - If skin irritation occurs, get medical advice/attention.



P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
P362+364 - Take off contaminated clothing and wash it before reuse.

GHS Storage and Disposal Phrases:

P501 - Dispose of contents/container to ...

2.3 Adverse Human Health Moderately toxic; may cause nausea, diarrhea.

Effects and Symptoms:

2.3.3 Eye Contact: Slightly irritating but does not injure eye tissue.

Section 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	GHS Classification
5989-27-5	(R)-1-Methyl-4-(1-methylethenyl)-cyclohexene 01-2119529223-47	37.0 -53.0 %	227-813-5 601-029-00-7	Flam. Liq. 3: H226 Skin Corr. 2: H315 Skin Sens. 1: H317 Aquatic (A) 1: H400 Aquatic (C) 1: H410
106264-79-3	Mixture of 1,3-benzenediamine, 2-methyl-4,6-bis(methylthio)- and 1,3-benzenediamine, 4-methyl-2,6-b 01-2120113647-58	22.0 -48.0 %	403-240-8 612-113-00-8	Acute Tox.(O) 4: H302 Skin Sens. 1: H317 Aquatic (A) 1: H400 Aquatic (C) 1: H410
NA	Carboxylic Acids	0.5 -3.0 %	NA NA	No data available.

Section 4. First Aid Measures

4.1 Description of First Aid: Check the vital functions. Unconscious: maintain adequate airway and respiration.

Measures: Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with labored breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital. Never give alcohol to drink.

In Case of Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

In Case of Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.

In Case of Eye Contact: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

In Case of Ingestion: If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** ATL Foam Alcohol, Carbon Dioxide, Dry Chemical.
Media:
Unsuitable: Water.
Extinguishing Media:
- 5.2 Flammable Properties and Hazards:** No data available.
Hazardous: After ignition, the use of water can scatter the liquid thereby possibly spreading the fire.
Combustion Products: Ignition may also produce dense black smoke. Dangerous when exposed to heat or flame.
- Flammability Classification:** Combustible Class IIIB
Flash Pt: 148.9 C (300.00 F) Method Used: Pensky-Marten Closed Cup
Explosive Limits: LEL: No data. UEL: No data.
Autoignition Pt: NE
- 5.3 Fire Fighting Instructions:** Proper eye and skin protection should be used. Water is unsuitable, use extinguishing media.

Section 6. Accidental Release Measures

- 6.1 Protective Precautions, Protective Equipment and Emergency Procedures:** No data available.
- 6.2 Environmental Precautions:** Should not be released into the environment. Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system.
- 6.3 Methods and Material For Containment and Cleaning Up:** For small spills, vacuum into waste containers or absorb with dry sand or absorbent cloth. For large spills immediately evacuate the area and shut off potential ignition sources. Only personnel equipped with proper respiratory and skin/eye protection should be permitted in the area. Dike the area to contain the spill. Take precautions as necessary to prevent contamination of ground or surface waters. Recover with a wet vacuum or absorb spilled material in sawdust or vermiculite and sweep into closed containers for disposal. After all visible traces have been removed, thoroughly wet vacuum area again. **DO NOT FLUSH INTO SEWER.**

Section 7. Handling and Storage

- 7.1 Precautions To Be Taken in Handling:** Keep away from open flame or other ignition sources. Maintain adequate ventilation and keep from children. Note that some vapors are heavier than air and can displace air in low areas or confined spaces such as pits or tanks. Do not enter those areas where large quantities of vapors are suspected or collecting until exchanging the air or using special breathing apparatus with an observer present for possible assistance.
- 7.2 Precautions To Be Taken in Storing:** Do not store above 120°F. Store in a cool, dry well ventilated place, away from incompatible materials. Store in a closed/sealed container

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

8.2 Exposure Controls:

8.2.1 Engineering Controls (Ventilation etc.): Use local exhaust at filling zones and where leakage is probable. Use mechanical ventilation for storage areas. For general dilution or local exhaust maintain adequate air exchange to avoid vapor build up. all ventilation should be designed in accordance with OSHA std. 29CFR 1910.94.

8.2.2 Personal protection equipment:

Eye Protection: Goggles.

Protective Gloves: Rubber gloves.

Other Protective Clothing: Safety shower and eye-wash fountain in manufacturing areas. Personal protective clothing and use of equipment must be in accordance with 29CFR 1910.132 and 29CFR 1910.133.

Respiratory Equipment (Specify Type): A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Work/Hygienic/Maintenance Practices: Do not smoke, eat or drink while using this product. Wash hands with soap and water before smoking, eating, drinking or using toilet facilities. Launder contaminated clothing before reuse.

No data available.

Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: No data available.

pH: NE

Melting Point: NE

Boiling Point: NE

Flash Pt: 148.9 C (300.00 F) Method Used: Pensky-Marten Closed Cup

Evaporation Rate: NE

Saturated Vapor Concentration: NE

Flammability (solid, gas): No data available.

Explosive Limits: LEL: No data. UEL: No data.

Vapor Pressure (vs. Air or mm Hg): NE

Vapor Density (vs. Air = 1): No data.



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Butt Gap sealant PD 12-40 Part B

Page: 5
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Revision: 12/10/2019
Supersedes Revision: 11/27/2019

Specific Gravity (Water = 1): 0.98g/ml
Density: 0.9779 G/ML (8.16 - LB/GA)
Solubility in Water: Insoluble
Octanol/Water Partition Coefficient: No data.
Autoignition Pt: NE
Decomposition Temperature: No data.
Viscosity: NE

9.2 Other Information

Percent Volatile: No data.
VOC / Volume: 193.0000 G/L

Section 10. Stability and Reactivity

10.1 Reactivity: Not reactive.
10.2 Stability: Unstable [] Stable [X]
10.3 Conditions To Avoid - Hazardous Reactions: High Temperatures.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
10.4 Conditions To Avoid - Instability: Sources of ignition such as sparks, hot spots, welding, flames, and cigarettes.
10.5 Incompatibility - Materials To Avoid: Strong oxidizing agents, stron lewis or mineral acids and strong mineral or organic bases.
10.6 Hazardous Decomposition or Byproducts: hydrogen sulfide, sulfur compounds, nitrogen oxides, oxides of carbon & other unknown compounds.

Section 11. Toxicological Information

11.1 Information on Toxicological Effects: No data available.
Irritation or Corrosion: Skin and eye irritation, drowsiness, lack of coordination.
Symptoms related to Toxicological Characteristics: Nasal irritation, drowsiness, lack of coordination.
Chronic Toxicological Effects: Exposure causes headaches, skin and respiratory irritation.
Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Section 12. Ecological Information

12.1 Toxicity: No data available.
12.2 Persistence and Degradability: No data available.
12.3 Bioaccumulative Potential: No data available.
12.4 Mobility in Soil: No data available.
12.5 Results of PBT and No data available.



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Butt Gap sealant PD 12-40 Part B

vPvB assessment:

12.6 Other adverse effects: No data available.

Section 13. Disposal Considerations

13.1 Waste Disposal Method: Do not discharge into drains or the environment. Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Recycle by distillation. Do not landfill. Incinerate under surveillance with energy recovery. May be discharged to company wastewater treatment plant.

Section 14. Transport Information

14.1 LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Plastic material, Liquid, N.O.I., Non regulated.

DOT Hazard Class:

UN/NA Number:

14.1 LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Plastic material, Liquid, N.O.I., Non regulated.

UN Number:

Hazard Class:

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Plastic material, Liquid, N.O.I., Non regulated.

UN Number:

Packing Group:

Hazard Class:

Section 15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
5989-27-5	(R)-1-Methyl-4-(1-methylethenyl)-cyclohexene	No	No	No
106264-79-3	Mixture of 1,3-benzenediamine, 2-methyl-4,6-bis(methylthio)- and 1,3-benzenediamine, 4-methyl-2,6-b	No	No	No
NA	Carboxylic Acids	No	No	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

- | | |
|--|---|
| <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Explosive</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Flammable (gases, aerosols, liquid, or solid)</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Oxidizer (liquid, solid or gas)</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-reactive</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric (liquid or solid)</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric gas</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-heating</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Organic peroxide</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Corrosive to metal</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Gas under pressure (compressed gas)</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No In contact with water emits flammable gas</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Combustible Dust</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Physical) Hazard Not Otherwise Classified (HNOC)</p> | <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Acute toxicity (any route of exposure)</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Skin Corrosion or Irritation</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Serious eye damage or eye irritation</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Respiratory or Skin Sensitization</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Germ cell mutagenicity</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Carcinogenicity</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Reproductive toxicity</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specific target organ toxicity (single or repeated exposure)</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Aspiration Hazard</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Simple Asphyxiant</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Health) Hazard Not Otherwise Classified (HNOC)</p> |
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SAFETY DATA SHEET

Butt Gap sealant PD 12-40 Part B

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Revision: 12/10/2019
Supersedes Revision: 11/27/2019

Regulatory Information
Statement:

Section 16. Other Information

Revision Date: 12/10/2019

Additional Information About No data available.

This Product:

Company Policy or

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