

(M)SDS Format : ANSI

423-012



MSDS Name **Seam Sealer - Self Leveling**
 Manufacturer Name Saint-Gobain Abrasives, Inc.
 Stock No. 97121
 Kit MSDS Revision Date 07/01/2013

Components	
	Seam Sealer - Self Leveling (Part 1)
	Seam Sealer - Self Leveling (Part 2)
Saint-Gobain Abrasives, Inc. Product Code : 97121	

SECTION 1 : PRODUCT AND COMPANY IDENTIFICATION

Product Name.	Seam Sealer - Self Leveling (Part 1)	NFPA
Product Code	97121A	2 1
MSDS Manufacturer Number	97121A	
Synonyms	Self-Leveling Epoxy Seam Sealer	
Manufacturer Name	Saint-Gobain Abrasives, Inc.	HMIS
Address	1 New Bond Street Worcester, MA 01615	Health Hazard 2
General Phone Number	508-795-5000	Fire Hazard 1
Emergency Phone Number	508-795-5000	Reactivity 1
Website	www.Nortonabrasives.com	Personal Protection X
MSDS Creation Date.	08/09/2010	
MSDS Revision Date.	07/01/2013	

* Chronic Health Effects

SECTION 2 : COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent
Bisphenol A Diglycidyl Ether R	25085-99-8	30 - 60 by weight
Polymer of Epoxy Resin and Bis	25036-25-3	30 - 60 by weight
Butyl Benzyl Phthalate	85-68-7	10 - 30 by weight

SECTION 3 : HAZARDS IDENTIFICATION

Emergency Overview **WARNING!** Potential Sensitizer. Irritant

Route of Exposure:	Eyes Skin Inhalation. Ingestion.
Potential Health Effects	Product not expected to be toxic by inhalation. Skin contact may cause slight irritation and allergic reaction. Swallowing may cause slight irritation of the mouth. Eye contact can cause slight transient irritation.
Eye	Can cause moderate irritation, burning sensation, tearing, redness, and swelling. Overexposure may cause lacrimation, conjunctivitis, corneal damage and permanent injury..
Skin	Can cause skin irritation; itching, redness, rashes, hives, burning, and swelling. Allergic reactions are possible. May cause skin sensitization, an allergic reaction, which becomes evident on reexposure to this material.
Inhalation	Respiratory tract irritant. High concentration may cause dizziness, headache, and anesthetic effects. May cause respiratory sensitization with asthma-like symptoms in susceptible individuals.
Ingestion	Causes irritation, a burning sensation of the mouth, throat and gastrointestinal tract and abdominal pain.
Chronic Health Effects	Prolonged skin contact may lead to burning associated with severe reddening, swelling, and possible tissue destruction.
Signs/Symptoms	Overexposure can cause headaches, dizziness, nausea, and vomiting.
Target Organs	Eyes Skin. Respiratory system. Digestive system.
Aggravation of Pre-Existing Conditions	Individuals with pre-existing skin disorders, asthma, allergies or known sensitization may be more susceptible to the effects of this product.

SECTION 4 : FIRST AID MEASURES

Eye Contact	Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.
Skin Contact.	Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
Ingestion	If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 : FIRE FIGHTING MEASURES

Flash Point	420 °F (199C)
Flash Point Method	TCC
Auto Ignition Temperature	Not determined.
Lower Flammable/Explosive Limit:	Not determined.
Upper Flammable/Explosive Limit	Not determined
Fire Fighting Instructions:	Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water.
Extinguishing Media:	Use carbon dioxide (CO2) or dry chemical when fighting fires involving this material.
Unsuitable Media	Water or foam may cause frothing.
Protective Equipment	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.
Hazardous Combustion Byproducts.	Carbon monoxide, phenolics.

NFPA Ratings:

NFPA Flammability	1
NFPA Health	2
NFPA Reactivity	1

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Spill Cleanup Measures	Absorb spill with inert material (e.g , dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately.
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	observing precautions in the protective equipment section. After removal, flush spill area with soap and water to remove trace residue. Avoid personal contact and breathing vapors or mists. Ventilate area. Use proper personal protective equipment as listed in section 8.
Personnel Precautions	Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.
Environmental Precautions	Avoid runoff into storm sewers, ditches, and waterways.
Other Precautions	Pump or shovel to storage/salvage vessels.

SECTION 7 : HANDLING and STORAGE

Handling	Use with adequate ventilation. Avoid breathing vapor, aerosol or mist.
Storage	Store in a cool, dry, well ventilated area away from sources of heat and incompatible materials. Keep container tightly closed when not in use.
Special Handling Procedures	Provide appropriate ventilation/respiratory protection against decomposition products (see Section 10) during welding/flame cutting operations and to protect against dust during sanding/grinding of cured product.
Hygiene Practices	Wash thoroughly after handling.

SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

Engineering Controls	Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.
Eye/Face Protection:	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.
Skin Protection Description	Wear appropriate protective gloves and other protective apparel to prevent skin contact. Consult manufacturer's data for permeability data.
Respiratory Protection	A NIOSH 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.
Other Protective	Facilities storing or utilizing this material should be equipped with an eyewash and a deluge shower safety station.

EXPOSURE GUIDELINES

SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance	blue.
Color	blue
Odor	Epoxy like odor.
Boiling Point	Not determined.
Melting Point	Not determined.
Specific Gravity	1.1
Solubility	slightly soluble.
Vapor Density	> 1
Vapor Pressure	Not determined.
Evaporation Rate	<1 (n-Butyl acetate = 1)
Flash Point	420 °F (199C)
Flash Point Method	TCC
Auto Ignition Temperature	Not determined.

SECTION 10 : STABILITY and REACTIVITY

Chemical Stability	Stable under normal temperatures and pressures.
Hazardous Polymerization	Polymerization with heat built up when in contact with aliphatic amine
Conditions to Avoid	Extreme heat, sparks, and open flame Incompatible materials, oxidizers and oxidizing conditions
Incompatible Materials	Oxidizers, acids, and chlorinated organic compounds. Reactive metals (e.g sodium, calcium, zinc) Sodium/calcium hypochlorite. Nitrous acid/ oxide, nitrites. Peroxides. Materials reactive with hydroxyl compounds.

SECTION 11 : TOXICOLOGICAL INFORMATION

Sensitization	As a result of previous exposure, certain individuals develop sensitization which will cause them to react to a later exposure to product at levels well below the TLV. Symptoms may include allergic reactions
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SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity	No ecotoxicity data was found for the product.
Environmental Fate:	No environmental information found for this product

SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Disposal	Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.
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SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name	Non regulated.
DOT UN Number	Non regulated.
IATA Shipping Name	Non regulated.
IATA UN Number	Non regulated.

SECTION 15 : REGULATORY INFORMATION

Canada WHMIS	D2B- Skin sensitizer
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SECTION 16 : ADDITIONAL INFORMATION

HMIS Fire Hazard	1
HMIS Health Hazard.	2
HMIS Reactivity	1
HMIS Personal Protection	X
MSDS Creation Date	08/09/2010
MSDS Revision Date	07/01/2013

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UPC Number = 63642597121

SECTION 1 : PRODUCT AND COMPANY IDENTIFICATION

Product Name **Seam Sealer - Self Leveling (Part 2)**
 Product Code 97121B
 MSDS Manufacturer Number 97121B
 Synonyms Self-Leveling Epoxy Seam Sealer
 Manufacturer Name Saint-Gobain Abrasives, Inc
 Address 1 New Bond Street
 Worcester, MA 01615
 General Phone Number 508-795-5000
 Emergency Phone Number 508-795-5000
 Website www.Nortonabrasives.com
 MSDS Creation Date: 08/09/2010
 MSDS Revision Date: 07/01/2013

HMIS	
Health Hazard	
Fire Hazard	1
Reactivity	1
Personal Protection	X

SECTION 2 : COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent
Phenol, 2,4,6-tris[dimethylami	90-72-2	7 - 13 by weight
Poly Alkoxylated Hydroxyalkyl	Proprietary	60 - 100 by weight

SECTION 3 : HAZARDS IDENTIFICATION

Emergency Overview	WARNING! Potential Sensitizer Irritant.
Route of Exposure	Eyes Skin. Inhalation. Ingestion.
Potential Health Effects:	Vapors might be irritating to eyes, nose, throat and respiratory tract. Product is moderately irritating to eyes. Skin contact may cause its irritation. Prolonged contact may lead to dermatitis. Swallowing may cause burning of the mouth and stomach. Other possible effects are abdominal pain, nausea and diarrhea.
Eye	Can cause severe eye irritation and burns. Eye contact may cause permanent damage or blindness.
Skin	Causes severe skin irritation. May cause permanent skin damage. Allergic reactions are possible. May cause skin sensitization, an allergic reaction, which becomes evident on reexposure to this material.
Inhalation:	Vapor or mist may cause severe respiratory system irritation. May cause respiratory sensitization with asthma-like symptoms in susceptible individuals.
Ingestion	Causes irritation, a burning sensation of the mouth, throat and gastrointestinal tract and abdominal pain.
Chronic Health Effects	Prolonged skin contact may lead to burning associated with severe reddening, swelling, and possible tissue destruction.
Signs/Symptoms	Overexposure may cause eye watering or discomfort, redness and swelling.
Target Organs	Eyes Skin. Respiratory system. Digestive system.
Aggravation of Pre-Existing Conditions	Individuals with pre-existing skin disorders, asthma, allergies or known sensitization may be more susceptible to the effects of this product.

SECTION 4 : FIRST AID MEASURES

Eye Contact	Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.
Skin Contact	Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
Ingestion	If swallowed, do NOT induce vomiting. Call a physician or poison control center.

immediately. Never give anything by mouth to an unconscious person

SECTION 5 : FIRE FIGHTING MEASURES

Flash Point:	300 °F (149 °C)
Flash Point Method	TCC
Auto Ignition Temperature	Not determined
Lower Flammable/Explosive Limit	Not determined
Upper Flammable/Explosive Limit	Not determined.
Fire Fighting Instructions	Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water.
Extinguishing Media	Use carbon dioxide (CO ₂) or dry chemical when fighting fires involving this material.
Unsuitable Media	Water or foam may cause frothing.
Protective Equipment	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Spill Cleanup Measures.	Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section. After removal, flush spill area with soap and water to remove trace residue. Avoid personal contact and breathing vapors or mists. Ventilate area. Use proper personal protective equipment as listed in section 8.
Personnel Precautions	Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.
Environmental Precautions	Avoid runoff into storm sewers, ditches, and waterways.
Other Precautions.	Pump or shovel to storage/salvage vessels.

SECTION 7 : HANDLING and STORAGE

Handling.	Use with adequate ventilation. Avoid breathing vapor, aerosol or mist
Storage	Store in a cool, dry, well ventilated area away from sources of heat and incompatible materials. Keep container tightly closed when not in use.
Special Handling Procedures	Provide appropriate ventilation/respiratory protection against decomposition products (see Section 10) during welding/ flame cutting operations and to protect against dust during sanding/grinding of cured product
Hygiene Practices	Wash thoroughly after handling

SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

Engineering Controls	Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.
Eye/Face Protection	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.
Skin Protection Description	Wear appropriate protective gloves and other protective apparel to prevent skin contact. Consult manufacturer's data for permeability data
Respiratory Protection.	A NIOSH 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.

Other Protective

Facilities storing or utilizing this material should be equipped with an eyewash and a deluge shower safety station.

EXPOSURE GUIDELINES

SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

Color	Clear/milky
Odor	Mercaptan
Boiling Point	Not determined
Melting Point	Not determined.
Specific Gravity	1.1
Solubility	slightly soluble.
Vapor Density	>1 (air = 1)
Vapor Pressure.	Not determined.
Evaporation Rate	<1 (n-Butyl acetate = 1)
pH	Slightly acidic.
Flash Point	300 °F (149 °C)
Flash Point Method	TCC
Auto Ignition Temperature	Not determined.

SECTION 10 : STABILITY and REACTIVITY

Chemical Stability.	Stable under normal temperatures and pressures.
Hazardous Polymerization	Not reported.
Conditions to Avoid	Extreme heat, sparks, and open flame. Incompatible materials, oxidizers and oxidizing conditions
Incompatible Materials	Oxidizers, acids, and chlorinated organic compounds. Reactive metals (e.g sodium, calcium, zinc). Sodium/calcium hypochlorite. Nitrous acid/ oxide, nitrites. Peroxides. Materials reactive with hydroxyl compounds.
Special Decomposition Products:	Carbon monoxide, oxides of nitrogen, oxides of sulphur, hydrogen sulphide.

SECTION 11 : TOXICOLOGICAL INFORMATION

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity	No ecotoxicity data was found for the product
Environmental Fate	No environmental information found for this product

SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Disposal:	Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.
RCRA Number	None

SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name:	Non regulated.
DOT UN Number	Non regulated.

IATA Shipping Name	Non regulated.
IATA UN Number	Non regulated.

SECTION 15 : REGULATORY INFORMATION

SECTION 16 : ADDITIONAL INFORMATION

HMIS Fire Hazard	1
HMIS Reactivity	1
HMIS Personal Protection	X
MSDS Creation Date	08/09/2010
MSDS Revision Date	07/01/2013

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