

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

Product identifier used on the label:

Product Name: Urethane Seam Sealer

Other means of identification:

Product Codes: 07660782751

Recommended use of the chemical and restrictions on use:

Product Uses: Sealant.

Product Restrictions: Not for sale to the general public.

For Professional and Industrial Use Only.

Chemical manufacturer address and telephone number:

Manufacturer Name: Saint-Gobain Abrasives, Inc.

Manufacturer Address 1: 1 New Bond Street

Manufacturer City: Worcester

Manufacturer State: MA

Manufacturer Zip Code: 01615

Manufacturer Country: USA

Manufacturer Web: www.Nortonabrasives.com

Business Phone: 508-795-5000

Distributor: Saint-Gobain Canada, Inc.

Distributor Address 1: 28 Albert St, W.

Distributor City: Plattsville

Distributor State: ON

Distributor ZipCode: N0J 1S0

Distributor Country: Canada

Distributor Web: www.Nortonabrasives.com

Distributor Phone: 519-684-7441

Emergency phone number:

Emergency Phone: 508-795-5000

Creation Date: 2018-11-09

Revision Date: 2018-12-04 15:27:14

Notes from Section 1: CHEMTREC:
For emergencies in the US, call CHEMTREC: 800-424-9300
For emergencies in Canada, call CHEMTREC: 800-424-9300

Section 2: Hazards Identification

Classification of the chemical in accordance with CFR 1910.1200(d)(f):



Signal Words: Danger

Product:

GHS Class: Hazard classification:
Respiratory Sensitizer: Category 1.
Skin Sensitizer: Category 1A.
Carcinogenicity: Category 2.
Specific Target Organ Toxicity (single exposure): Category 1.
Specific Target Organ Toxicity (repeated exposure): Category 1.

Symbols:
Health Hazard |

Hazards not otherwise classified: None.

2% of the mixture consists of ingredients of unknown acute dermal toxicity.

Hazard Statements: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317 - May cause an allergic skin reaction.
H351 - Suspected of causing cancer.
H370 - Causes damage to organs: sensory organs |
H372 - Causes damage to organs through prolonged or repeated exposure: nervous system | sensory organs

Precautionary Statements: P102 - Keep out of reach of children.
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P285 - In case of inadequate ventilation wear respiratory protection.
P280 - Wear protective gloves.
Pxxx - Do not eat, drink or smoke when using this product.
P264 - Wash thoroughly after handling.
P272 - Contaminated work clothing must not be allowed out of the workplace.
P304+P341 - IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.
P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.
P308+P313 - IF exposed or concerned: Get medical advice/attention.
P405 - Store locked up.
P501 - Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

Hazards not otherwise classified that have been identified during the classification process:

Section 3: Composition/Information on Ingredients

Mixtures:

Ingredient Name	CAS Number	Ingredient Percent	EC Number	Comments
Urethane Polymer	Trade Secret*	25 - 35% Trade Secret *		
Poly(Vinyl Chloride) Polymer	9002-86-2	20 - 35% Trade Secret *		
Plasticizer Mixture	Trade Secret*	10 - 30% Trade Secret *		
Xylene	1330-20-7	< 6% Trade Secret *		
Calcium Oxide	1305-78-8	1 - 5% Trade Secret *		
Titanium Dioxide	13463-67-7	< 3% Trade Secret *		
Ethylbenzene	100-41-4	< 2% Trade Secret *		
Petroleum Distillate	64742-47-8	< 2% Trade Secret *		
Carbon Black	1333-86-4	< 0.3% Trade Secret *		

P,P'-methylenebis(phenyl isocyanate)	101-68-8	< 0.2% Trade Secret *		
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate	41556-26-7	0.01 - 0.1% Trade Secret *		

Product:

Comments: *The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

Section 4: First Aid Measures

Description of necessary measures:

Eye Contact: Immediately flush with large amounts of water for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately get medical attention.

Skin Contact: Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

Inhalation: Remove person to fresh air. If you feel unwell, get medical attention.

Ingestion: If Swallowed: Rinse mouth. If you feel unwell, get medical attention.

Most important symptoms/effects, acute and delayed:**Indication of immediate medical attention and special treatment needed**

Notes from Section 4: Most important symptoms and effects, both acute and delayed:
See Section 11 Information on toxicological effects.

Indication of any immediate medical attention and special treatment required: Not applicable

Section 5: Firefighting Measures

Suitable and unsuitable extinguishing media

Extinguishing Media: Suitable: In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

Specific hazards arising from the chemical

Hazardous Decomposition Byproducts:

Substance: Carbon monoxide
Condition: During Combustion

Substance: Carbon dioxide
Condition: During Combustion

Substance: Hydrogen Cyanide
Condition: During Combustion

Substance: Oxides of Nitrogen
Condition: During Combustion

Substance: Oxides of Sulfur
Condition: During Combustion

Special protective equipment and precautions for fire-fighters

Fire Fighting Instructions: Special protective actions for fire-fighters:
No special protective actions for fire-fighters are anticipated.

NFPA Health: 2

NFPA Fire: 1

NFPA Reactivity: 0

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personnel Precautions: Personal precautions, protective equipment and emergency procedures:
Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

Methods and materials for containment and cleaning up

Spill Cleanup Measures: Methods and material for containment and cleaning up:
Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue. Dispose of collected material as soon as possible.

Environmental precautions

Environmental Precautions: Avoid release to the environment. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

Section 7: Handling and Storage

Precautions for safe handling

Handling: Precautions for safe handling:
Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. Use personal protective equipment (gloves, respirators, etc.) as required.

Conditions for safe storage, including any incompatibilities

Storage: Conditions for safe storage including any incompatibilities:
Keep container tightly closed to prevent contamination with water or air. If contamination is suspected, do not reseal container. Protect from sunlight. Store away from heat. Store away from amines.

Section 8: Exposure Controls/Personal Protection

Exposure Guidelines

Exposure limit: Control parameters:
Occupational exposure limits:
If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

Ingredient: Ethylbenzene
C.A.S. No.: 100-41-4
Agency: CMRG
Limit type: TWA: 25 ppm; STEL: 75 ppm

Ingredient: Ethylbenzene
C.A.S. No.: 100-41-4
Agency: OSHA
Limit type: TWA: 435 mg/m³(100 ppm)

Ingredient: Ethylbenzene
C.A.S. No.: 100-41-4
Agency: ACGIH

Limit type: TWA: 20 ppm
 Additional Comments: A3: Confirmed animal carcin.

Ingredient: P,P'-methylenebis(phenyl isocyanate)
 C.A.S. No.: 101-68-8
 Agency: OSHA
 Limit type: CEIL: 0.2 mg/m3(0.02 ppm)

Ingredient: FREE ISOCYANATES
 C.A.S. No.: 101-68-8
 Agency: Manufacturer determined
 Limit type: TWA: 0.005 ppm; STEL: 0.02 ppm

Ingredient: P,P'-methylenebis(phenyl isocyanate)
 C.A.S. No.: 101-68-8
 Agency: ACGIH
 Limit type: TWA: 0.005 ppm

Ingredient: Calcium Oxide
 C.A.S. No.: 1305-78-8
 Agency: OSHA
 Limit type: TWA: 5 mg/m3

Ingredient: Calcium Oxide
 C.A.S. No.: 1305-78-8
 Agency: ACGIH
 Limit type: TWA: 2 mg/m3

Ingredient: Xylene
 C.A.S. No.: 1330-20-7
 Agency: OSHA
 Limit type: TWA: 435 mg/m3(100 ppm)

Ingredient: Xylene
 C.A.S. No.: 1330-20-7
 Agency: CMRG
 Limit type: TWA: 50 ppm; STEL: 75 ppm

Ingredient: Xylene
 C.A.S. No.: 1330-20-7
 Agency: ACGIH
 Limit type: TWA: 100 ppm; STEL: 150 ppm
 Additional Comments: A4: Not class. as human carcin

Ingredient: Carbon Black
 C.A.S. No.: 1333-86-4
 Agency: CMRG
 Limit type: TWA: 0.5 mg/m3

Ingredient: Carbon Black
 C.A.S. No.: 1333-86-4
 Agency: OSHA
 Limit type: TWA: 3.5 mg/m3

Ingredient: Carbon Black
 C.A.S. No.: 1333-86-4
 Agency: ACGIH
 Limit type: TWA(inhalable fraction): 3 mg/m3
 Additional Comments: A3: Confirmed animal carcin.

Ingredient: Titanium Dioxide
 C.A.S. No.: 13463-67-7
 Agency: ACGIH

Limit type: TWA: 10 mg/m3

Additional Comments: A4: Not class. as human carcin

Ingredient: Titanium Dioxide

C.A.S. No.: 13463-67-7

Agency: CMRG

Limit type: TWA(as respirable dust): 5 mg/m3

Ingredient: Titanium Dioxide

C.A.S. No.: 13463-67-7

Agency: OSHA

Limit type: TWA(as total dust): 15 mg/m3

Ingredient: Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate

C.A.S. No.: 41556-26-7

Agency: CMRG

Limit type: TWA: 1 mg/m3

Ingredient: Kerosine (petroleum)

C.A.S. No.: 64742-47-8

Agency: ACGIH

Limit type: TWA(as total hydrocarbon vapor, non-aerosol): 200 mg/m3

Additional Comments: A3: Confirmed animal carcin., Skin Notation

Ingredient: JET FUELS (NON-AEROSOL), AS TOTAL HYDROCARBON VAPOR

C.A.S. No.: 64742-47-8

Agency: ACGIH

Limit type: TWA(as total hydrocarbon vapor, non-aerosol): 200 mg/m3

Additional Comments: A3: Confirmed animal carcin., Skin Notation

Ingredient: Petroleum Distillate

C.A.S. No.: 64742-47-8

Agency: CMRG

Limit type: TWA: 165 ppm

Ingredient: Poly(Vinyl Chloride) Polymer

C.A.S. No.: 9002-86-2

Agency: ACGIH

Limit type: TWA(respirable fraction): 1 mg/m3

Additional Comments: A4: Not class. as human carcin

ACGIH: American Conference of Governmental Industrial Hygienists

AIHA: American Industrial Hygiene Association

CMRG: Chemical Manufacturer's Recommended Guidelines

OSHA: United States Department of Labor - Occupational Safety and Health Administration

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

Appropriate engineering controls

Engineering Controls:

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

Individual protection measures

Eye Protection:

None required.

Face Protection:

None required.

Skin Protection:	Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity. Gloves made from the following material(s) are recommended: Polymer laminate
Hand Protection:	Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity. Gloves made from the following material(s) are recommended: Polymer laminate
Respiratory Protection:	An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure: Half facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates For questions about suitability for a specific application, consult with your respirator manufacturer.

Section 9: Physical and Chemical Properties

Physical and chemical properties

Physical State:	General Physical Form: Solid Specific Physical Form: Paste
Odor:	Mild xylene odor
pH:	Not Applicable
Melting Temperature:	No Data Available
Boiling Temperature:	>=137 deg C
Flash Point:	No flash point
Ignition Temperature:	>= 200 deg C
Lower Flammable Limit:	Not Applicable
Upper Flammable Limit:	Not Applicable
Decomposition Temperature:	No Data Available
Vapor Pressure:	Not Applicable
Vapor Density:	Not Applicable
Density:	1.2 g/ml
Solubility:	Solubility-non-water: No Data Available
Solubility In Water:	Nil
Specific Gravity:	1.2 [Ref Std: WATER=1]
Evaporation Rate:	No Data Available
Partition Coefficient:	n-octanol/water: No Data Available

Viscosity:	>=300,000 centipoise [@ 73.4 deg F]
Odor Threshold:	No Data Available
VOC Less H2O Exempt Solvents:	VOC Less H2O & Exempt Solvents: 55 g/l [Test Method: tested per EPA method 24]
Note from Section 9:	Hazardous Air Pollutants: 7.3 % weight [Test Method: Calculated]
	Solids Content: 91 - 95.4 % weight

Section 10: Stability and Reactivity

Reactivity:

Reactivity: This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

Possibility of hazardous reactions:
Hazardous polymerization will not occur.

Chemical Stability:

Chemical Stability: Stable.

Possibility of hazardous reactions:

Conditions To Avoid:

Conditions To Avoid: Heat

Incompatible Materials:

Incompatible Materials: Amines
Alcohols
Water

Hazardous Decomposition Products: Substance: None known.

Refer to section 5 for hazardous decomposition products during combustion.

Section 11: Toxicological Information

Toxicological Information:

Product:

Acute Toxicity: The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

Toxicological Data:

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

ATE = Acute toxicity estimate

Skin Toxicity:

Acute Toxicity:
Name: Overall product
Dermal: No data available; calculated ATE > 5,000 mg/kg

Ingestion Toxicity:

Acute Toxicity:
Name: Overall product
Ingestion: No data available; calculated ATE > 5,000 mg/kg

Inhalation Toxicity:	Acute Toxicity: Name: Overall product Inhalation-Vapor(4 hr): No data available; calculated ATE > 50 mg/l
Sign and Symptoms:	Based on test data and/or information on the components, this material may produce the following health effects: Inhalation: Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. Allergic Respiratory Reaction: Signs/symptoms may include difficulty breathing, wheezing, cough, and tightness of chest. May cause additional health effects (see below). Skin Contact: Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness. Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching. Eye Contact: Contact with the eyes during product use is not expected to result in significant irritation. Ingestion: Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea. May cause additional health effects (see below).
Carcinogenicity:	Contains a chemical or chemicals which can cause cancer.
Irritation:	Serious Eye Damage/Irritation: Name: Overall product Rabbit: Mild irritant
Notes from Section 11:	Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.
Petroleum Distillate:	
Skin Toxicity:	Acute Toxicity: Dermal Rabbit: LD50 > 3,160 mg/kg
Ingestion Toxicity:	Acute Toxicity: Ingestion Rat: LD50 > 5,000 mg/kg
Inhalation Toxicity:	Acute Toxicity: Inhalation-Dust/Mist (4 hours) Rat: LC50 > 3 mg/l
Carcinogenicity:	Name: Petroleum Distillate Route: Dermal Species: Mouse Value: Some positive data exist, but the data are not sufficient for classification
Mutagenicity:	Germ Cell Mutagenicity: In Vitro: Not mutagenic
Irritation:	Skin Corrosion/Irritation: Rabbit: Mild irritant Serious Eye Damage/Irritation: Rabbit: Mild irritant

Sensitization:

Skin Sensitization:
Guinea pig: Not sensitizing

Carbon Black:**Skin Toxicity:**

Acute Toxicity:
Dermal Rabbit: LD50 > 3,000 mg/kg

Ingestion Toxicity:

Acute Toxicity:
Ingestion Rat: LD50 > 8,000 mg/kg

Carcinogenicity:

Class Description: Grp. 2B: Possible human carc.
Regulation: International Agency for Research on Cancer

Name: Carbon Black
Route: Dermal
Species: Mouse
Value: Not carcinogenic

Name: Carbon Black
Route: Ingestion
Species: Mouse
Value: Not carcinogenic

Name: Carbon Black
Route: Inhalation
Species: Rat
Value: Carcinogenic

Mutagenicity:

Germ Cell Mutagenicity:
In Vitro: Not mutagenic
In vivo: Some positive data exist, but the data are not sufficient for classification

Irritation:

Skin Corrosion/Irritation:
Rabbit: No significant irritation

Serious Eye Damage/Irritation:
Rabbit: No significant irritation

Xylene:**Skin Toxicity:**

Acute Toxicity:
Dermal Rabbit: LD50 > 4,200 mg/kg

Ingestion Toxicity:

Acute Toxicity:
Ingestion Rat: LD50 3,523 mg/kg

Inhalation Toxicity:

Acute Toxicity:
Inhalation-Vapor (4 hours) Rat: LC50 29 mg/l

Carcinogenicity:

Name: Xylene
Route: Dermal
Species: Rat
Value: Not carcinogenic

Name: Xylene
Route: Ingestion
Species: Multiple animal species
Value: Not carcinogenic

Name: Xylene
Route: Inhalation
Species: Human
Value: Some positive data exist, but the data are not sufficient for classification

Mutagenicity:

Germ Cell Mutagenicity:
In Vitro: Not mutagenic
In vivo: Not mutagenic

Reproductive Toxicity:

Reproductive and/or Developmental Effects:
Name: Xylene
Route: Inhalation
Value: Some positive female reproductive data exist, but the data are not sufficient for classification
Species: Human
Test Result: NOAEL Not available
Exposure Duration: Occupational exposure

Name: Xylene
Route: Ingestion
Value: Some positive developmental data exist, but the data are not sufficient for classification
Species: Mouse
Test Result: NOAEL Not available
Exposure Duration: During organogenesis

Name: Xylene
Route: Inhalation
Value: Some positive developmental data exist, but the data are not sufficient for classification
Species: Multiple animal species
Test Result: NOAEL Not available
Exposure Duration: During gestation

Irritation:

Skin Corrosion/Irritation:
Rabbit: Mild irritant

Serious Eye Damage/Irritation:
Rabbit: Mild irritant

Notes from Section 11:

Lactation:
Name: Xylene
Route: Ingestion
Species: Mouse
Value: Does not cause effects on or via lactation

Calcium Oxide:

Ingestion Toxicity:

Acute Toxicity:
Ingestion Rat: LD50 > 2,500 mg/kg

Mutagenicity:

Germ Cell Mutagenicity:
In Vitro: Not mutagenic

Irritation:

Skin Corrosion/Irritation:
Human: Corrosive

Serious Eye Damage/Irritation:
Rabbit: Corrosive

Ethylbenzene:**Skin Toxicity:**

Acute Toxicity:
Dermal Rabbit: LD50 15,433 mg/kg

Ingestion Toxicity:

Acute Toxicity:
Ingestion Rat: LD50 4,769 mg/kg

Inhalation Toxicity:

Acute Toxicity:
Inhalation-Vapor (4 hours) Rat: LC50 17.4 mg/l

Carcinogenicity:

Class Description: Grp. 2B: Possible human carc.
Regulation: International Agency for Research on Cancer

Name: Ethylbenzene
Route: Inhalation
Species: Multiple animal species
Value: Carcinogenic

Mutagenicity:

Germ Cell Mutagenicity:
In vivo: Not mutagenic
In Vitro: Some positive data exist, but the data are not sufficient for classification

Reproductive Toxicity:

Reproductive and/or Developmental Effects:
Name: Ethylbenzene
Route: Inhalation
Value: Some positive developmental data exist, but the data are not sufficient for classification
Species: Rat
Test Result: NOAEL 4.3 mg/l
Exposure Duration: Premating & during gestation

Irritation:

Skin Corrosion/Irritation:
Rabbit: Mild irritant

Serious Eye Damage/Irritation:
Rabbit: Moderate irritant

Sensitization:

Skin Sensitization:
Human: Not sensitizing

Titanium Dioxide:**Skin Toxicity:**

Acute Toxicity:
Dermal Rabbit: LD50 > 10,000 mg/kg

Ingestion Toxicity:

Acute Toxicity:
Ingestion Rat: LD50 > 10,000 mg/kg

Inhalation Toxicity:

Acute Toxicity:
Inhalation-Dust/Mist (4 hours) Rat: LC50 > 6.82 mg/l

Carcinogenicity: Class Description: Grp. 2B: Possible human carc.
 Regulation: International Agency for Research on Cancer

Name: Titanium Dioxide
 Route: Ingestion
 Species: Multiple animal species
 Value: Not carcinogenic

Name: Titanium Dioxide
 Route: Inhalation
 Species: Rat
 Value: Carcinogenic

Mutagenicity: Germ Cell Mutagenicity:
 In Vitro: Not mutagenic
 In vivo: Not mutagenic

Irritation: Skin Corrosion/Irritation:
 Rabbit: No significant irritation

Serious Eye Damage/Irritation:
 Rabbit: No significant irritation

Sensitization: Skin Sensitization:
 Human and animal: Not sensitizing

Poly(Vinyl Chloride) Polymer:

Skin Toxicity: Acute Toxicity:
 Dermal: LD50 estimated to be > 5,000 mg/kg

Ingestion Toxicity: Acute Toxicity:
 Ingestion: LD50 estimated to be > 5,000 mg/kg

Carcinogenicity: Name: Poly(Vinyl Chloride) Polymer
 Route: Not Specified
 Species: Rat
 Value: Some positive data exist, but the data are not sufficient for classification

Mutagenicity: Germ Cell Mutagenicity:
 In Vitro: Not mutagenic

Reproductive Toxicity: Reproductive and/or Developmental Effects:
 Name: Poly(Vinyl Chloride) Polymer
 Route: Not Specified
 Value: Not toxic to development
 Species: Mouse
 Test Result: NOAEL Not available
 Exposure Duration: During gestation

Irritation: Skin Corrosion/Irritation:
 Professional judgement: No significant irritation

P,P'-methylenebis(phenyl isocyanate):

Skin Toxicity: Acute Toxicity:
 Dermal Rabbit: LD50 > 5,000 mg/kg

Ingestion Toxicity: Acute Toxicity:
 Ingestion Rat: LD50 31,600 mg/kg

Inhalation Toxicity: Acute Toxicity:
 Inhalation-Vapor: LC50 estimated to be 10 - 20 mg/l
 Inhalation-Dust/Mist (4 hours) Rat: LC50 0.369 mg/l

Carcinogenicity:	Name: P,P'-methylenebis(phenyl isocyanate) Route: Inhalation Species: Rat Value: Some positive data exist, but the data are not sufficient for classification
Mutagenicity:	Germ Cell Mutagenicity: In Vitro: Some positive data exist, but the data are not sufficient for classification
Reproductive Toxicity:	Reproductive and/or Developmental Effects: Name: P,P'-methylenebis(phenyl isocyanate) Route: Inhalation Value: Some positive developmental data exist, but the data are not sufficient for classification Species: Rat Test Result: NOAEL 0.004 mg/l Exposure Duration: During organogenesis
Irritation:	Skin Corrosion/Irritation: Official classification: Irritant Serious Eye Damage/Irritation: Official classification: Severe irritant
Sensitization:	Skin Sensitization: Official classification: Sensitizing Respiratory Sensitization: Human: Sensitizing
Urethane Polymer:	
Ingestion Toxicity:	Acute Toxicity: Ingestion Rat: LD50 > 5,000 mg/kg
Bis(1,2,2,6,6-pentamethyl-4-piperidiny) sebacate:	
Ingestion Toxicity:	Acute Toxicity: Ingestion Rat: LD50 3,125 mg/kg
Mutagenicity:	Germ Cell Mutagenicity: In Vitro: Not mutagenic
Irritation:	Skin Corrosion/Irritation: Rabbit: No significant irritation Serious Eye Damage/Irritation: Rabbit: No significant irritation
Sensitization:	Skin Sensitization: Guinea pig: Sensitizing

Section 12: Ecological Information

Ecotoxicity:

Product:

Ecotoxicity:

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

Mobility in soil:

Product:

Notes from Section 12:**Chemical fate information:**

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

Section 13: Disposal Considerations

Description of waste:**Waste Disposal:****Disposal methods:**

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

Waste Number:

EPA Hazardous Waste Number (RCRA): Not regulated

Section 14: Transport Information

Transportation:

USDOT, IMDG, IATA: Not regulated for transport.

Section 15: Regulatory Information

Safety, health and environmental regulations specific for the product:**Regulatory - Product Based:****US Federal:****US Federal Regulations:**

Contact manufacturer for more information

Section 312 Hazard Category:**311/312 Hazard Categories:**

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

Immediate Hazard - Yes

Delayed Hazard - Yes

State:**State Regulations:**

Contact manufacturer for more information

California Proposition 65:

Ingredient: BUTYL BENZYL PHTHALATE

C.A.S. No.: 85-68-7

Classification: Developmental Toxin

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

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

TSCA 8(b): Inventory Status:

The components of this product are in compliance with the chemical notification requirements of TSCA.

Chemical Inventories:

Contact manufacturer for more information

International Regulations:

Contact manufacturer for more information

OSHA 29 CFR 1200:

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Regulatory - Ingredient Based:

Xylene:

Section 313 Toxic Release Form: Section 313 Toxic Chemicals subject to the reporting requirements of that section and 40 CFR part 372 (EPCRA):
Ingredient - C.A.S. No - % by Wt:
Xylene - 1330-20-7 - Trade Secret - < 6
Xylene (Benzene, 1,2-dimethyl-) - 1330-20-7 - < 6
Xylene (Benzene, 1,3-dimethyl-) - 1330-20-7 - < 6
Xylene (Benzene, 1,4-dimethyl-) - 1330-20-7 - < 6
Xylene (Benzene, dimethyl-) - 1330-20-7 - < 6

Titanium Dioxide:

State: California Proposition 65:
Ingredient: Titanium Dioxide
C.A.S. No.: 13463-67-7
Classification: Carcinogen

Ethylbenzene:

Section 313 Toxic Release Form: Section 313 Toxic Chemicals subject to the reporting requirements of that section and 40 CFR part 372 (EPCRA):
Ingredient - C.A.S. No - % by Wt:
Ethylbenzene - 100-41-4 - Trade Secret < 2

State: California Proposition 65:
Ingredient: Ethylbenzene
C.A.S. No.: 100-41-4
Classification: Carcinogen

Carbon Black:

State: California Proposition 65:
Ingredient: Carbon Black
C.A.S. No.: 1333-86-4
Classification: Carcinogen

Section 16: Additional Information

Creation Date: 2018-11-09
Revision Date: 2018-12-04 15:27:14
NFPA:



Other Information:

Copyright © 1996-2018 Enviance Inc. All Rights Reserved.