



Safety Data Sheet

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|------------------------|-----------|-------------------------|----------|
| Document Group: | 42-6524-5 | Version Number: | 1.01 |
| Issue Date: | 10/07/22 | Supersedes Date: | 03/21/21 |

Product identifier

3M™ Scotch-Weld™ Composite Urethane Adhesive DP6301NS, Kit

ID Number(s):

62-3591-3630-6

7100255381

Recommended use

Adhesive

Supplier's details

| | |
|----------------------|---|
| MANUFACTURER: | 3M |
| DIVISION: | Industrial Adhesives and Tapes Division |

| | |
|-------------------|---|
| ADDRESS: | 3M Center, St. Paul, MN 55144-1000, USA |
| Telephone: | 1-888-3M HELPS (1-888-364-3577) |

Emergency telephone number

1-800-364-3577 or (651) 737-6501 (24 hours)

This product is a kit or a multipart product which consists of multiple, independently packaged components. A Safety Data Sheet (SDS), Article Information Sheet (AIS), or Article Information Letter (AIL) for each of these components is included. Please do not separate the component documents from this cover page. The document numbers for components of this product are:

42-6522-9, 42-6523-7

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| | | | |
|------------------------|-----------|-------------------------|----------|
| Document Group: | 42-6522-9 | Version Number: | 1.04 |
| Issue Date: | 03/02/26 | Supersedes Date: | 01/22/25 |

SECTION 1: Identification

1.1. Product identifier

3M™ Scotch-Weld™ Composite Urethane Adhesive 6301NS Part A

Product Identification Numbers

LA-D100-3113-5, 62-3691-8530-1, 62-3691-9530-0
7100255361, 7100275584

1.2. Recommended use and restrictions on use

Recommended use

Adhesive

1.3. Supplier's details

| | |
|----------------------|---|
| MANUFACTURER: | 3M |
| DIVISION: | Industrial Adhesives and Tapes Division |
| ADDRESS: | 3M Center, St. Paul, MN 55144-1000, USA |
| Telephone: | 1-888-3M HELPS (1-888-364-3577) |

1.4. Emergency telephone number

1-800-364-3577 or (651) 737-6501 (24 hours)

SECTION 2: Hazard identification

2.1. Hazard classification

Skin Corrosion/Irritation: Category 2.
Serious Eye Damage/Irritation: Category 2A.
Respiratory Sensitizer: Category 1.
Skin Sensitizer: Category 1.
Specific Target Organ Toxicity (repeated exposure): Category 1.
Specific Target Organ Toxicity (single exposure): Category 3.

2.2. Label elements

Signal word

Danger

Symbols

Exclamation mark |Health Hazard|

Pictograms**Hazard Statements**

Causes skin irritation.
 Causes serious eye irritation.
 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 May cause an allergic skin reaction.
 May cause respiratory irritation.

Causes damage to organs through prolonged or repeated exposure: respiratory system.

Precautionary statements**Prevention:**

Do not breathe vapors.
 Wash exposed skin thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 Use only outdoors or in a well-ventilated area.
 Contaminated work clothing should not be allowed out of the workplace.
 Wear protective gloves and eye protection.
 In case of inadequate ventilation wear respiratory protection.

Response:

IF ON SKIN: Wash with plenty of soap and water.
 IF INHALED: Call a POISON CENTER or doctor if you feel unwell.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Get medical attention if you feel unwell.
 If eye irritation persists or if skin irritation or rash occurs: Get medical attention.
 If experiencing respiratory symptoms: Call a POISON CENTER or doctor.
 Take off contaminated clothing and wash it before reuse.

Storage:

Store in a well-ventilated place. Keep container tightly closed.
 Store locked up.

Disposal:

Dispose of contents and container in accordance with applicable local, regional, national, and international regulations.

Supplemental Information:

Persons previously sensitized to isocyanates may develop a cross-sensitization reaction to other isocyanates.

SECTION 3: Composition/information on ingredients

| Ingredient | C.A.S. No. | % by Wt |
|---|---------------|------------------------|
| p,p'-Methylenebis(phenyl isocyanate) | 101-68-8 | 30 - 50 Trade Secret * |
| Urethane Prepolymer (NJTS Reg. No. 04499600-7462) | Trade Secret* | 20 - 40 |
| 4,4'-Diisocyanatodiphenylmethane polymer | 25686-28-6 | 10 - 30 Trade Secret * |

| | | |
|---------------------------------------|---------------|-----------------------|
| Fillers (NJTS Reg. No. 04499600-7414) | Trade Secret* | 10 - 30 |
| Talc | 14807-96-6 | 5 - 10 Trade Secret * |
| Treated Silica | 68611-44-9 | 1 - 3 |

NJTS or NJTSRN: New Jersey Trade Secret Registry Number.

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

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

Remove person to fresh air. If you feel unwell, 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.

Eye Contact:

Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. Get medical attention.

If Swallowed:

Rinse mouth. If you feel unwell, get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Irritating to the respiratory tract (coughing, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain). Allergic respiratory reaction (difficulty breathing, wheezing, cough, and tightness of chest). Allergic skin reaction (redness, swelling, blistering, and itching). Target organ effects following prolonged or repeated exposure. See Section 11 for additional details.

4.3. Indication of any immediate medical attention and special treatment required

Not applicable

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

DO NOT USE WATER. In case of fire: Use a fire fighting agent suitable for water-reactives such as dry chemical to extinguish.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

Substance

- Carbon monoxide
- Carbon dioxide
- Hydrogen Chloride
- Hydrogen Cyanide
- Oxides of Nitrogen
- Toxic Vapor, Gas, Particulate

Condition

- During Combustion
- During Combustion
- During Combustion
- During Combustion
- During Combustion
- During Combustion

5.3. Special protective actions for fire-fighters

No special protective actions for fire-fighters are anticipated.

SECTION 6: Accidental release measures

6.1. 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. Use personal protective equipment based on the results of an exposure assessment. Refer to Section 8 for PPE recommendations. If anticipated exposure resulting from an accidental release exceeds the protective capabilities of the PPE listed in Section 8, or are unknown, select PPE that offers an appropriate level of protection. Consider the physical and chemical hazards of the material when doing so. Examples of PPE ensembles for emergency response could include wearing bunker gear for a release of flammable material; wearing chemical protective clothing if the spilled material is a corrosive, a sensitizer, a significant dermal irritant, or can be absorbed through the skin; or donning a positive pressure supplied-air respirator for chemicals with inhalation hazards. For information regarding physical and health hazards, refer to sections 2 and 11 of the SDS.

6.2. 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.

6.3. Methods and material for containment and cleaning up

Contain spill. Pour isocyanate decontaminant solution (90% water, 8% concentrated ammonia, 2% detergent) on spill and allow to react for 10 minutes. Or pour water on spill and allow to react for more than 30 minutes. Cover with absorbent material. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a container approved for transportation by appropriate authorities, but do not seal the container for 48 hours to avoid pressure build-up. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and SDS. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

For industrial/occupational use only. Not for consumer sale or use. 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.

7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed to prevent contamination with water or air. If contamination is suspected, do not reseal container. Store away from heat. Store away from acids. Store away from strong bases.

SECTION 8: Exposure controls/personal protection

8.1. 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 | C.A.S. No. | Agency | Limit type | Additional Comments |
|--|------------|--------|---------------------------------------|---------------------|
| Methylene bisphenyl isocyanate (MDI) | 101-68-8 | ACGIH | TWA:0.005 ppm | |
| p,p'-Methylenebis(phenyl isocyanate) | 101-68-8 | OSHA | CEIL:0.2 mg/m ³ (0.02 ppm) | |
| Silicates (less than 1% crystalline silica) talc (containing asbestos) | 14807-96-6 | OSHA | TWA - Use asbestos limits: | |

| | | | | |
|---|--------------|-------|--|--------------------------------|
| Talc | 14807-96-6 | ACGIH | TWA(respirable fraction):2 mg/m ³ | A4: Not class. as human carcin |
| Talc | 14807-96-6 | OSHA | TWA concentration(respirable):0.1 mg/m ³ (2.4 millions of particles/cu. ft.);TWA:20 millions of particles/cu. ft. | |
| Methylene bisphenyl isocyanate (MDI) | 25686-28-6 | ACGIH | TWA:0.005 ppm | |
| Silica: Amorphous, including natural diatomaceous earth | 68611-44-9 | OSHA | TWA:20 millions of particles/cu. ft.;TWA concentration:0.8 mg/m ³ | |
| Fillers (NJTS Reg. No. 04499600-7414) | Trade Secret | ACGIH | TWA(respirable fraction):1 mg/m ³ | 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

8.2. Exposure controls

8.2.1. 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.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Safety Glasses with side shields

Indirect Vented Goggles

Skin/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

If this product is used in a manner that presents a higher potential for exposure (e.g., spraying, high splash potential, etc.), then use of a protective apron may be necessary. See recommended glove material(s) for determining appropriate apron material(s). If a glove material is not available as an apron, polymer laminate is a suitable option.

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

9.1. Information on basic physical and chemical properties

| | |
|---|--|
| Physical state | Liquid |
| Specific Physical Form: | Viscous |
| Color | White |
| Odor | Slight Isocyanate |
| Odor threshold | No Data Available |
| pH | Not Applicable |
| Melting point/Freezing point | No Data Available |
| Boiling point/Initial boiling point/Boiling range | No Data Available |
| Flash Point | >=195 °C [Test Method: Tagliabue Closed Cup] |
| Evaporation rate | <=1 [Details: Gels with exposure to humidity.] |
| Flammability | Not Applicable |
| Flammable Limits(LEL) | Not Applicable |
| Flammable Limits(UEL) | Not Applicable |
| Vapor Pressure | <=0.010 mmHg [@ 77 °F] |
| Relative Vapor Density | >=1 [Ref Std: AIR=1] |
| Density | 1.288 g/ml |
| Relative Density | 1.288 [Ref Std: WATER=1] |
| Water solubility | Negligible |
| Solubility- non-water | No Data Available |
| Partition coefficient: n-octanol/ water | No Data Available |
| Autoignition temperature | Not Applicable |
| Decomposition temperature | No Data Available |
| Kinematic Viscosity | 1,450 mm ² /sec |
| Volatile Organic Compounds | No Data Available |
| Percent volatile | No Data Available |
| VOC Less H ₂ O & Exempt Solvents | 0 g/l [Test Method: calculated SCAQMD rule 443.1] [Details: as supplied] |
| VOC Less H ₂ O & Exempt Solvents | <=1 g/l [Test Method: calculated SCAQMD rule 443.1] [Details: when used as intended with Part B] |
| VOC Less H ₂ O & Exempt Solvents | <=0.1 % [Test Method: calculated SCAQMD rule 443.1] [Details: when used as intended with Part B] |
| Molecular weight | No Data Available |

| | |
|--------------------------|----------------|
| Particle Characteristics | Not Applicable |
|--------------------------|----------------|

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Heat

10.5. Incompatible materials

Water

Strong acids

Strong bases

Reaction with water, alcohols, and amines is not hazardous if container can vent to the atmosphere to prevent pressure buildup.

10.6. Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
| None known. | |

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

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.

11.1. Information on Toxicological effects

Signs and Symptoms of Exposure

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:

Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, dryness, cracking, blistering, and pain.

Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

Eye Contact:

Severe Eye Irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

Ingestion:

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Additional Health Effects:

Prolonged or repeated exposure may cause target organ effects:

Respiratory Effects: Signs/symptoms may include cough, shortness of breath, chest tightness, wheezing, increased heart rate, bluish colored skin (cyanosis), sputum production, changes in lung function tests, and/or respiratory failure.

Carcinogenicity:

| Ingredient | CAS No. | Class Description | Regulation |
|------------|------------|-------------------------------|---|
| Talc | 14807-96-6 | Grp. 2A: Probable human carc. | International Agency for Research on Cancer |

Additional Information:

Persons previously sensitized to isocyanates may develop a cross-sensitization reaction to other isocyanates.

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.

Acute Toxicity

| Name | Route | Species | Value |
|---|--------------------------------|---------|--|
| Overall product | Inhalation-Vapor(4 hr) | | No data available; calculated ATE >50 mg/l |
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| p,p'-Methylenebis(phenyl isocyanate) | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| p,p'-Methylenebis(phenyl isocyanate) | Inhalation-Dust/Mist (4 hours) | Rat | LC50 0.368 mg/l |
| p,p'-Methylenebis(phenyl isocyanate) | Ingestion | Rat | LD50 31,600 mg/kg |
| Urethane Prepolymer (NJTS Reg. No. 04499600-7462) | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Urethane Prepolymer (NJTS Reg. No. 04499600-7462) | Ingestion | Rat | LD50 > 5,000 mg/kg |
| 4,4'-Diisocyanatodiphenylmethane polymer | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| 4,4'-Diisocyanatodiphenylmethane polymer | Inhalation-Dust/Mist (4 hours) | Rat | LC50 0.368 mg/l |
| 4,4'-Diisocyanatodiphenylmethane polymer | Ingestion | Rat | LD50 31,600 mg/kg |
| Fillers (NJTS Reg. No. 04499600-7414) | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| Fillers (NJTS Reg. No. 04499600-7414) | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 4.57 mg/l |
| Fillers (NJTS Reg. No. 04499600-7414) | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Talc | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Talc | Ingestion | | LD50 estimated to be > 5,000 mg/kg |
| Treated Silica | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Treated Silica | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 0.691 mg/l |
| Treated Silica | Ingestion | Rat | LD50 > 5,110 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|--|-------------------------|---------------------------|
| p,p'-Methylenebis(phenyl isocyanate) | official classification | Irritant |
| 4,4'-Diisocyanatodiphenylmethane polymer | official classification | Irritant |
| Fillers (NJTS Reg. No. 04499600-7414) | Rabbit | No significant irritation |
| Talc | Rabbit | No significant irritation |
| Treated Silica | Rabbit | No significant irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|--------------------------------------|----------|-----------------|
| p,p'-Methylenebis(phenyl isocyanate) | official | Severe irritant |

| | classification | |
|--|-------------------------|---------------------------|
| 4,4'-Diisocyanatodiphenylmethane polymer | official classification | Severe irritant |
| Fillers (NJTS Reg. No. 04499600-7414) | Rabbit | Mild irritant |
| Talc | Rabbit | No significant irritation |
| Treated Silica | Rabbit | No significant irritation |

Skin Sensitization

| Name | Species | Value |
|--|------------------|----------------|
| p,p'-Methylenebis(phenyl isocyanate) | Mouse | Sensitizing |
| 4,4'-Diisocyanatodiphenylmethane polymer | Mouse | Sensitizing |
| Treated Silica | Human and animal | Not classified |

Respiratory Sensitization

| Name | Species | Value |
|--|---------|----------------|
| p,p'-Methylenebis(phenyl isocyanate) | Human | Sensitizing |
| 4,4'-Diisocyanatodiphenylmethane polymer | Human | Sensitizing |
| Talc | Human | Not classified |

Germ Cell Mutagenicity

| Name | Route | Value |
|--|----------|--|
| p,p'-Methylenebis(phenyl isocyanate) | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| 4,4'-Diisocyanatodiphenylmethane polymer | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Talc | In Vitro | Not mutagenic |
| Talc | In vivo | Not mutagenic |
| Treated Silica | In Vitro | Not mutagenic |

Carcinogenicity

| Name | Route | Species | Value |
|--|---------------|---------|--|
| p,p'-Methylenebis(phenyl isocyanate) | Inhalation | Rat | Some positive data exist, but the data are not sufficient for classification |
| 4,4'-Diisocyanatodiphenylmethane polymer | Inhalation | Rat | Some positive data exist, but the data are not sufficient for classification |
| Talc | Dermal | Human | Some positive data exist, but the data are not sufficient for classification |
| Talc | Inhalation | Rat | Carcinogenic |
| Treated Silica | Not Specified | Mouse | Some positive data exist, but the data are not sufficient for classification |

Reproductive Toxicity

Reproductive and/or Developmental Effects

| Name | Route | Value | Species | Test Result | Exposure Duration |
|--|------------|--|---------|---------------------|----------------------|
| p,p'-Methylenebis(phenyl isocyanate) | Inhalation | Not classified for development | Rat | NOAEL 0.004 mg/l | during organogenesis |
| 4,4'-Diisocyanatodiphenylmethane polymer | Inhalation | Not classified for development | Rat | NOAEL 0.004 mg/l | during organogenesis |
| Talc | Ingestion | Not classified for development | Rat | NOAEL 1,600 mg/kg | during organogenesis |
| Treated Silica | Ingestion | Not classified for female reproduction | Rat | NOAEL 509 mg/kg/day | 1 generation |

| | | | | | |
|----------------|-----------|--------------------------------------|-----|-----------------------|----------------------|
| Treated Silica | Ingestion | Not classified for male reproduction | Rat | NOAEL 497 mg/kg/day | 1 generation |
| Treated Silica | Ingestion | Not classified for development | Rat | NOAEL 1,350 mg/kg/day | during organogenesis |

Target Organ(s)

Specific Target Organ Toxicity - single exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|--|------------|------------------------|----------------------------------|-------------------------|---------------------|-------------------|
| p,p'-Methylenebis(phenyl isocyanate) | Inhalation | respiratory irritation | May cause respiratory irritation | official classification | NOAEL Not available | |
| 4,4'-Diisocyanatodiphenylmethane polymer | Inhalation | respiratory irritation | May cause respiratory irritation | official classification | NOAEL Not available | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|--|------------|--------------------|--|---------|----------------------------|-----------------------|
| p,p'-Methylenebis(phenyl isocyanate) | Inhalation | respiratory system | Causes damage to organs through prolonged or repeated exposure | Rat | LOAEL 0.004 mg/l | 13 weeks |
| 4,4'-Diisocyanatodiphenylmethane polymer | Inhalation | respiratory system | Causes damage to organs through prolonged or repeated exposure | Rat | LOAEL 0.004 mg/l | 13 weeks |
| Talc | Inhalation | pneumoconiosis | Causes damage to organs through prolonged or repeated exposure | Human | NOAEL Not available | occupational exposure |
| Talc | Inhalation | pulmonary fibrosis | Not classified | Rat | NOAEL 18 mg/m ³ | 113 weeks |
| Talc | Inhalation | respiratory system | Not classified | Rat | NOAEL 18 mg/m ³ | 113 weeks |
| Treated Silica | Inhalation | respiratory system | Not classified | Human | NOAEL Not available | occupational exposure |
| Treated Silica | Inhalation | silicosis | Not classified | Human | NOAEL Not available | occupational exposure |

Aspiration Hazard

For the component/components, either no data are currently available or the data are not sufficient for classification.

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.

SECTION 12: Ecological information

Ecotoxicological information

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.

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

13.1. Disposal methods

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

Dispose of completely cured (or polymerized) material in a permitted industrial waste facility. As a disposal alternative,

incinerate uncured product in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Combustion products will include halogen acid (HCl/HF/HBr). Facility must be capable of handling halogenated materials. 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.

EPA Hazardous Waste Number (RCRA): Not regulated

SECTION 14: Transport Information

For Transport Information, please visit <http://3M.com/Transportinfo> or call 1-800-364-3577 or 651-737-6501.

SECTION 15: Regulatory information

15.1. US Federal Regulations

Contact 3M for more information.

EPCRA 311/312 Hazard Classifications:

Physical Hazards
Not Applicable.

Health Hazards
Respiratory or Skin Sensitization
Serious eye damage or eye irritation
Skin Corrosion or Irritation
Specific target organ toxicity (single or repeated exposure)

Section 313 Toxic Chemicals subject to the reporting requirements of that section and 40 CFR part 372 (EPCRA):

| <u>Ingredient</u> | <u>C.A.S. No</u> | <u>% by Wt</u> |
|--------------------------------------|------------------|----------------------|
| p,p'-Methylenebis(phenyl isocyanate) | 101-68-8 | Trade Secret 30 - 50 |

15.2. State Regulations

Contact 3M for more information.

15.3. Chemical Inventories

The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

Contact 3M for more information.

15.4. International Regulations

Contact 3M for more information.

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

SECTION 16: Other information

NFPA Hazard Classification

Health: 2 **Flammability:** 1 **Instability:** 0 **Special Hazards:** Reacts with Water

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

| | | | |
|------------------------|-----------|-------------------------|----------|
| Document Group: | 42-6522-9 | Version Number: | 1.04 |
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Safety Data Sheet

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|------------------------|-----------|-------------------------|----------|
| Document Group: | 42-6523-7 | Version Number: | 1.05 |
| Issue Date: | 11/10/22 | Supersedes Date: | 03/01/22 |

SECTION 1: Identification

1.1. Product identifier

3M™ Scotch-Weld™ Composite Urethane Adhesive 6301NS, Part B

Product Identification Numbers

| ID Number | UPC | ID Number | UPC |
|----------------|-----|----------------|-----|
| LA-D100-3113-6 | | 62-3591-8530-3 | |
| 62-3591-9530-2 | | | |

7100255362, 7100277119

1.2. Recommended use and restrictions on use

Recommended use

Adhesive

1.3. Supplier's details

| | |
|----------------------|---|
| MANUFACTURER: | 3M |
| DIVISION: | Industrial Adhesives and Tapes Division |
| ADDRESS: | 3M Center, St. Paul, MN 55144-1000, USA |
| Telephone: | 1-888-3M HELPS (1-888-364-3577) |

1.4. Emergency telephone number

1-800-364-3577 or (651) 737-6501 (24 hours)

SECTION 2: Hazard identification

2.1. Hazard classification

Reproductive Toxicity: Category 2.

2.2. Label elements

Signal word

Warning

Symbols

Health Hazard |

Pictograms

**Hazard Statements**

Suspected of damaging fertility or the unborn child.

Precautionary Statements**Prevention:**

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wear protective gloves.

Response:

IF exposed or concerned: Get medical advice/attention.

Storage:

Store locked up.

Disposal:

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

9% of the mixture consists of ingredients of unknown acute oral toxicity.

SECTION 3: Composition/information on ingredients

| Ingredient | C.A.S. No. | % by Wt |
|---|---------------|------------------------|
| Polyol (NJTS Reg. No. 04466600-7463) | Trade Secret* | 30 - 50 Trade Secret * |
| Talc | 14807-96-6 | 10 - 30 Trade Secret * |
| Polyether Polyol (NJTS Reg. No. 04466600-7417) | Trade Secret* | 10 - 30 Trade Secret * |
| Urethane Prepolymer (NJTS Reg. No. 04499600-7462) | Trade Secret* | 1 - 10 Trade Secret * |
| Thickening Agent (NJTS Reg. No. 04466600-7416) | Trade Secret* | 0.1 - 5 Trade Secret * |
| Piperazine | 110-85-0 | < 1 Trade Secret * |
| Quartz Silica | 14808-60-7 | < 1 Trade Secret * |
| Treated Silica | 68611-44-9 | < 1 Trade Secret * |

NJTS or NJTSRN: New Jersey Trade Secret Registry Number.

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

SECTION 4: First aid measures

4.1. Description of first aid measures**Inhalation:**

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

Skin Contact:

Wash with soap and water. If you are concerned, get medical advice.

Eye Contact:

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

If Swallowed:

Rinse mouth. If you are concerned, get medical advice.

4.2. Most important symptoms and effects, both acute and delayed

No critical symptoms or effects. See Section 11.1, information on toxicological effects.

4.3. Indication of any immediate medical attention and special treatment required

Not applicable

SECTION 5: Fire-fighting measures**5.1. Suitable extinguishing media**

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

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products**Substance**

Aldehydes
Carbon monoxide
Carbon dioxide
Hydrogen Chloride
Oxides of Nitrogen

Condition

During Combustion
During Combustion
During Combustion
During Combustion
During Combustion

5.3. Special protective actions for fire-fighters

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

SECTION 6: Accidental release measures**6.1. 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.

6.2. 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.

6.3. Methods and material for containment and cleaning up

Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and SDS. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

For industrial/occupational use only. Not for consumer sale or use. Do not handle until all safety precautions have been read and understood. Avoid breathing 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. Avoid release to the environment. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.) Use personal protective equipment (gloves, respirators, etc.) as required.

7.2. Conditions for safe storage including any incompatibilities

Store away from oxidizing agents.

SECTION 8: Exposure controls/personal protection

8.1. 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 | C.A.S. No. | Agency | Limit type | Additional Comments |
|-------------------|------------|--------|---|---|
| Piperazine | 110-85-0 | ACGIH | TWA(as piperazine, inhalable fraction & vapor):0.03 ppm | A4: Not class. as human carcin, Dermal/Respiratory Sensitizer |
| Talc | 14807-96-6 | ACGIH | TWA(respirable fraction):2 mg/m3 | A4: Not class. as human carcin |
| TALC | 14807-96-6 | OSHA | TWA - Use asbestos limits: | |
| Talc | 14807-96-6 | OSHA | TWA concentration(respirable):0.1 mg/m3(2.4 millions of particles/cu. ft.);TWA:20 millions of particles/cu. ft. | |
| Quartz Silica | 14808-60-7 | ACGIH | TWA(respirable fraction):0.025 mg/m3 | A2: Suspected human carcin. |
| Quartz Silica | 14808-60-7 | OSHA | TWA Table Z-1(respirable):0.05 mg/m3;TWA Table Z-3(respirable):0.1 mg/m3;TWA concentration(respirable):0.1 mg/m3(2.4 millions of particles/cu. ft.) | |
| SILICA, AMORPHOUS | 68611-44-9 | OSHA | TWA:20 millions of particles/cu. ft.;TWA concentration:0.8 mg/m3 | |

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

8.2. Exposure controls

8.2.1. 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.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Safety Glasses with side shields

Skin/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.

Gloves made from the following material(s) are recommended: Neoprene

Nitrile Rubber

Natural Rubber

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**9.1. Information on basic physical and chemical properties****Appearance****Physical state**

Liquid

Color

Dark Green

Specific Physical Form:

Paste

Odor

Slight Ammoniacal

Odor threshold*No Data Available***pH***Not Applicable***Melting point***Not Applicable***Boiling Point***No Data Available***Flash Point**≥340 °F [*Test Method*:Closed Cup]**Evaporation rate***Not Applicable***Flammability (solid, gas)**

Not Applicable

Flammable Limits(LEL)*Not Applicable***Flammable Limits(UEL)***Not Applicable***Vapor Pressure**≤ 0.000004 mmHg [*@* 68 °F]**Vapor Density***Not Applicable***Density**

1.2 g/ml

Specific Gravity1.2 [*Ref Std*:WATER=1]**Solubility in Water**

Negligible

Solubility- non-water*No Data Available***Partition coefficient: n-octanol/ water***No Data Available***Autoignition temperature***No Data Available***Decomposition temperature***No Data Available***Viscosity**2,000 - 2,700 centipoise [*@* 73.4 °F]**Hazardous Air Pollutants**0 % weight [*Test Method*:Calculated]

| | |
|---|---|
| Molecular weight | <i>No Data Available</i> |
| VOC Less H2O & Exempt Solvents | < 1 g/l [<i>Test Method</i> :calculated SCAQMD rule 443.1] [<i>Details</i> :when used as intended with Part A] |
| VOC Less H2O & Exempt Solvents | <=0.1 % [<i>Test Method</i> :calculated SCAQMD rule 443.1] [<i>Details</i> :when used as intended with Part A] |
| VOC Less H2O & Exempt Solvents | < 2 g/l [<i>Test Method</i> :calculated SCAQMD rule 443.1] [<i>Details</i> :as supplied] |

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong oxidizing agents

10.6. Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
|------------------|------------------|

None known.

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

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.

11.1. Information on Toxicological effects

Signs and Symptoms of Exposure

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.

Skin Contact:

Contact with the skin during product use is not expected to result in significant irritation.

Eye Contact:

Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion:

May cause additional health effects (see below).

Additional Health Effects:**Reproductive/Developmental Toxicity:**

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

Carcinogenicity:

| Ingredient | CAS No. | Class Description | Regulation |
|---|------------|--------------------------------|---|
| Silica, Crystalline (Respirable Size) | 14808-60-7 | Known To Be Human Carcinogen. | National Toxicology Program Carcinogens |
| Silica dust, crystalline, in the form of quartz or cristobalite | 14808-60-7 | Grp. 1: Carcinogenic to humans | International Agency for Research on Cancer |

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.

Acute Toxicity

| Name | Route | Species | Value |
|--|--------------------------------|---------|--|
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Polyol (NJTS Reg. No. 04466600-7463) | Dermal | Rat | LD50 > 2,000 mg/kg |
| Polyol (NJTS Reg. No. 04466600-7463) | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 50 mg/l |
| Polyol (NJTS Reg. No. 04466600-7463) | Ingestion | Rat | LD50 4,600 mg/kg |
| Talc | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Talc | Ingestion | | LD50 estimated to be > 5,000 mg/kg |
| Polyether Polyol (NJTS Reg. No. 04466600-7417) | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Polyether Polyol (NJTS Reg. No. 04466600-7417) | Ingestion | Rat | LD50 > 10,000 mg/kg |
| Treated Silica | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Treated Silica | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 0.691 mg/l |
| Treated Silica | Ingestion | Rat | LD50 > 5,110 mg/kg |
| Piperazine | Ingestion | Rat | LD50 2,300 mg/kg |
| Quartz Silica | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Quartz Silica | Ingestion | | LD50 estimated to be > 5,000 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|--------------------------------------|------------------------|---------------------------|
| Polyol (NJTS Reg. No. 04466600-7463) | Rabbit | No significant irritation |
| Talc | Rabbit | No significant irritation |
| Treated Silica | Rabbit | No significant irritation |
| Piperazine | Rabbit | Corrosive |
| Quartz Silica | Professional judgement | No significant irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|--------------------------------------|---------|---------------------------|
| Polyol (NJTS Reg. No. 04466600-7463) | Rabbit | Mild irritant |
| Talc | Rabbit | No significant irritation |
| Treated Silica | Rabbit | No significant irritation |

| | | |
|------------|------------------------|-----------|
| Piperazine | similar health hazards | Corrosive |
|------------|------------------------|-----------|

Skin Sensitization

| Name | Species | Value |
|----------------|------------------|----------------|
| Treated Silica | Human and animal | Not classified |
| Piperazine | Human and animal | Sensitizing |

Respiratory Sensitization

| Name | Species | Value |
|------------|---------|----------------|
| Talc | Human | Not classified |
| Piperazine | Human | Sensitizing |

Germ Cell Mutagenicity

| Name | Route | Value |
|----------------|----------|--|
| Talc | In Vitro | Not mutagenic |
| Talc | In vivo | Not mutagenic |
| Treated Silica | In Vitro | Not mutagenic |
| Piperazine | In vivo | Not mutagenic |
| Piperazine | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Quartz Silica | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Quartz Silica | In vivo | Some positive data exist, but the data are not sufficient for classification |

Carcinogenicity

| Name | Route | Species | Value |
|----------------|---------------|------------------|--|
| Talc | Inhalation | Rat | Some positive data exist, but the data are not sufficient for classification |
| Treated Silica | Not Specified | Mouse | Some positive data exist, but the data are not sufficient for classification |
| Quartz Silica | Inhalation | Human and animal | Carcinogenic |

Reproductive Toxicity**Reproductive and/or Developmental Effects**

| Name | Route | Value | Species | Test Result | Exposure Duration |
|----------------|-----------|--|---------|-----------------------|----------------------|
| Talc | Ingestion | Not classified for development | Rat | NOAEL 1,600 mg/kg | during organogenesis |
| Treated Silica | Ingestion | Not classified for female reproduction | Rat | NOAEL 509 mg/kg/day | 1 generation |
| Treated Silica | Ingestion | Not classified for male reproduction | Rat | NOAEL 497 mg/kg/day | 1 generation |
| Treated Silica | Ingestion | Not classified for development | Rat | NOAEL 1,350 mg/kg/day | during organogenesis |
| Piperazine | Ingestion | Toxic to female reproduction | Rat | NOAEL 125 mg/kg/day | 2 generation |
| Piperazine | Ingestion | Toxic to male reproduction | Rat | NOAEL 125 mg/kg/day | 2 generation |
| Piperazine | Ingestion | Toxic to development | Rabbit | NOAEL 94 | during |

| | | | | | |
|--|--|--|--|-----------|---------------|
| | | | | mg/kg/day | organogenesis |
|--|--|--|--|-----------|---------------|

Target Organ(s)**Specific Target Organ Toxicity - single exposure**

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|------------|------------|------------------------|--|------------------------|---------------------|-------------------|
| Piperazine | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL not available | |
| Piperazine | Ingestion | nervous system | Causes damage to organs | Human and animal | NOAEL not available | therapeutic use |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|----------------|------------|---|--|---------|----------------------------|-----------------------|
| Talc | Inhalation | pneumoconiosis | Causes damage to organs through prolonged or repeated exposure | Human | NOAEL Not available | occupational exposure |
| Talc | Inhalation | pulmonary fibrosis respiratory system | Not classified | Rat | NOAEL 18 mg/m ³ | 113 weeks |
| Treated Silica | Inhalation | respiratory system silicosis | Not classified | Human | NOAEL Not available | occupational exposure |
| Piperazine | Ingestion | hematopoietic system eyes kidney and/or bladder | Not classified | Rat | NOAEL 1,250 mg/kg/day | 90 days |
| Quartz Silica | Inhalation | silicosis | Causes damage to organs through prolonged or repeated exposure | Human | NOAEL Not available | occupational exposure |

Aspiration Hazard

For the component/components, either no data are currently available or the data are not sufficient for classification.

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.

SECTION 12: Ecological information**Ecotoxicological information**

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.

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**13.1. Disposal methods**

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

Dispose of completely cured (or polymerized) material in a permitted industrial waste facility. As a disposal alternative, incinerate uncured product in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Combustion products will include halogen acid (HCl/HF/HBr). Facility must be capable of handling halogenated materials. 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.

EPA Hazardous Waste Number (RCRA): Not regulated

SECTION 14: Transport Information

For Transport Information, please visit <http://3M.com/Transportinfo> or call 1-800-364-3577 or 651-737-6501.

SECTION 15: Regulatory information

15.1. US Federal Regulations

Contact 3M for more information.

EPCRA 311/312 Hazard Classifications:

Physical Hazards

Not applicable

Health Hazards

Reproductive toxicity

15.2. State Regulations

Contact 3M for more information.

15.3. Chemical Inventories

The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

Contact 3M for more information.

15.4. International Regulations

Contact 3M for more information.

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

SECTION 16: Other information

NFPA Hazard Classification

Health: 1 **Flammability:** 1 **Instability:** 0 **Special Hazards:** None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

| | | | |
|------------------------|-----------|-------------------------|----------|
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