



Safety Data Sheet

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|------------------------|-----------|-------------------------|----------|
| Document Group: | 31-1730-6 | Version Number: | 5.00 |
| Issue Date: | 11/05/25 | Supersedes Date: | 03/10/23 |

Product identifier

3M™ Scotch-Weld™ Repair Paste 2110 B/A

ID Number(s):

70-2022-8094-0, 70-2022-8149-2, 87-2500-0475-8

7000058953, 7100160078, 7010388370

Recommended use

Polyurethane Protective Tape Repair Paste

Supplier's details

| | |
|----------------------|---|
| MANUFACTURER: | 3M |
| DIVISION: | Automotive and Aerospace Solutions 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:

31-1735-5, 43-2047-9

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|------------------------|-----------|-------------------------|----------|
| Document Group: | 43-2047-9 | Version Number: | 3.00 |
| Issue Date: | 11/05/25 | Supersedes Date: | 12/06/22 |

SECTION 1: Identification

1.1. Product identifier

3M™ Scotch-Weld™ Repair Paste 2110 B/A Part B

1.2. Recommended use and restrictions on use

Recommended use

Part B of two component Polyurethane Protective Tape Repair Paste

1.3. Supplier's details

| | |
|----------------------|---|
| MANUFACTURER: | 3M |
| DIVISION: | Automotive and Aerospace Solutions 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 Sensitizer: Category 1.

Reproductive Toxicity: Category 2.

2.2. Label elements

Signal word

Warning

Symbols

Exclamation mark | Health Hazard |

Pictograms



Hazard Statements

May cause an allergic skin reaction.
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.
Avoid breathing vapors.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves.

Response:

IF ON SKIN: Wash with plenty of soap and water.
IF exposed or concerned: Get medical attention.
If skin irritation or rash occurs: Get medical attention.
Take off contaminated clothing and wash it before reuse.

Storage:

Store locked up.

Disposal:

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

85% of the mixture consists of ingredients of unknown acute oral toxicity.

85% of the mixture consists of ingredients of unknown acute dermal toxicity.

SECTION 3: Composition/information on ingredients

| Ingredient | C.A.S. No. | % by Wt |
|---|---------------|------------------------|
| POLYURETHANE PREPOLYMER | Trade Secret* | 55 - 85 |
| POLY(TETRAMETHYLENE ETHER) | 25190-06-1 | 5 - 25 |
| 1,4-BUTANEDIOL | 110-63-4 | 1 - 5 Trade Secret * |
| Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate | 41556-26-7 | 0.5 - 5 Trade Secret * |
| CARBON BLACK | 1333-86-4 | 1 - 5 Trade Secret * |
| Zeolites | 1318-02-1 | <= 5 |
| Phenol, 2-(2H-benzotriazol-2-yl)-6-dodecyl-4-methyl-, branched and linear | 125304-04-3 | <= 3 |
| METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE | 82919-37-7 | 0.1 - 1 Trade Secret * |

*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:

If exposed, flush eyes with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms develop, 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

Allergic skin reaction (redness, swelling, blistering, and itching).

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**

Carbon monoxide

Carbon dioxide

Oxides of Nitrogen

Condition

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. 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. 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

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. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. 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 heat. 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 |
|---|------------|--------|--|--------------------------------|
| Aluminum metal and insoluble compounds, respirable fraction | 1318-02-1 | ACGIH | TWA(respirable fraction):1 mg/m ³ | A4: Not class. as human carcin |
| CARBON BLACK | 1333-86-4 | ACGIH | TWA(inhalable fraction):3 mg/m ³ | A3: Confirmed animal carcin. |
| CARBON BLACK | 1333-86-4 | OSHA | TWA:3.5 mg/m ³ | |

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

None required.

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.

For prolonged or repeated contact, gloves made from the following material(s) are recommended (breakthrough times are >4 hours): Nitrile Rubber

Any glove recommended for prolonged/repeated contact is also suitable for short-term/splash contact.

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

Half facepiece or full facepiece supplied-air respirator

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: | Paste |
| Color | Black |
| Odor | Slight Urethane |
| Odor threshold | <i>No Data Available</i> |
| pH | <i>Not Applicable</i> |
| Melting point/Freezing point | <i>Not Applicable</i> |
| Boiling point/Initial boiling point/Boiling range | ≥ 179 °C |
| Flash Point | ≥ 178.9 °C [<i>Test Method: Closed Cup</i>] |
| Evaporation rate | <i>Not Applicable</i> |
| Flammability | Not Applicable |
| Flammable Limits(LEL) | <i>No Data Available</i> |
| Flammable Limits(UEL) | <i>No Data Available</i> |
| Vapor Pressure | <i>No Data Available</i> |
| Relative Vapor Density | <i>Not Applicable</i> |
| Density | 1.05 g/ml |
| Relative Density | 1.05 [<i>Ref Std: WATER=1</i>] |
| Water solubility | Negligible |
| Solubility- non-water | <i>No Data Available</i> |
| Partition coefficient: n-octanol/ water | <i>No Data Available</i> |
| Autoignition temperature | <i>No Data Available</i> |
| Decomposition temperature | <i>No Data Available</i> |
| Kinematic Viscosity | <i>No Data Available</i> |
| Volatile Organic Compounds | <i>No Data Available</i> |
| Percent volatile | < 0.5 % weight |
| VOC Less H ₂ O & Exempt Solvents | <i>No Data Available</i> |

| | |
|--------------------------|-----------------------|
| Particle Characteristics | <i>Not Applicable</i> |
|--------------------------|-----------------------|

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

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. 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:

May be harmful if swallowed.

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

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 |
|--------------|-----------|-------------------------------|---|
| Carbon black | 1333-86-4 | Grp. 2B: Possible human carc. | 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 | Dermal | | No data available; calculated ATE >5,000 mg/kg |
| Overall product | Ingestion | | No data available; calculated ATE >2,000 - =5,000 mg/kg |
| Zeolites | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| Zeolites | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 4.57 mg/l |
| Zeolites | Ingestion | Rat | LD50 > 5,000 mg/kg |
| 1,4-BUTANEDIOL | Dermal | Rat | LD50 > 5,000 mg/kg |
| 1,4-BUTANEDIOL | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 5.1 mg/l |
| 1,4-BUTANEDIOL | Ingestion | Rat | LD50 1,500 mg/kg |
| CARBON BLACK | Dermal | Rabbit | LD50 > 3,000 mg/kg |
| CARBON BLACK | Ingestion | Rat | LD50 > 8,000 mg/kg |
| Phenol, 2-(2H-benzotriazol-2-yl)-6-dodecyl-4-methyl-, branched and linear | Dermal | Rat | LD50 > 2,000 mg/kg |
| Phenol, 2-(2H-benzotriazol-2-yl)-6-dodecyl-4-methyl-, branched and linear | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate | Dermal | Professional judgement | LD50 estimated to be 2,000 - 5,000 mg/kg |
| Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate | Ingestion | Rat | LD50 3,125 mg/kg |
| METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE | Dermal | Professional judgement | LD50 estimated to be 2,000 - 5,000 mg/kg |
| METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE | Ingestion | Rat | LD50 3,125 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|---|---------|---------------------------|
| Zeolites | Rabbit | No significant irritation |
| 1,4-BUTANEDIOL | Rabbit | No significant irritation |
| CARBON BLACK | Rabbit | No significant irritation |
| Phenol, 2-(2H-benzotriazol-2-yl)-6-dodecyl-4-methyl-, branched and linear | Rabbit | No significant irritation |
| Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate | Rabbit | Minimal irritation |
| METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE | Rabbit | Minimal irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|---|---------|---------------------------|
| Zeolites | Rabbit | Mild irritant |
| 1,4-BUTANEDIOL | Rabbit | Mild irritant |
| CARBON BLACK | Rabbit | No significant irritation |
| Phenol, 2-(2H-benzotriazol-2-yl)-6-dodecyl-4-methyl-, branched and linear | Rabbit | No significant irritation |

| | | |
|---|--------|---------------|
| Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate | Rabbit | Mild irritant |
| METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE | Rabbit | Mild irritant |

Skin Sensitization

| Name | Species | Value |
|---|------------------|----------------|
| 1,4-BUTANEDIOL | Human and animal | Not classified |
| Phenol, 2-(2H-benzotriazol-2-yl)-6-dodecyl-4-methyl-, branched and linear | Guinea pig | Not classified |
| Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate | Guinea pig | Sensitizing |
| METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE | Guinea pig | Sensitizing |

Respiratory Sensitization

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

Germ Cell Mutagenicity

| Name | Route | Value |
|---|----------|--|
| 1,4-BUTANEDIOL | In Vitro | Not mutagenic |
| CARBON BLACK | In Vitro | Not mutagenic |
| CARBON BLACK | In vivo | Some positive data exist, but the data are not sufficient for classification |
| Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate | In vivo | Not mutagenic |
| Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE | In vivo | Not mutagenic |
| METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE | In Vitro | Some positive data exist, but the data are not sufficient for classification |

Carcinogenicity

| Name | Route | Species | Value |
|--------------|------------|---------|------------------|
| CARBON BLACK | Dermal | Mouse | Not carcinogenic |
| CARBON BLACK | Ingestion | Mouse | Not carcinogenic |
| CARBON BLACK | Inhalation | Rat | Carcinogenic |

Reproductive Toxicity

Reproductive and/or Developmental Effects

| Name | Route | Value | Species | Test Result | Exposure Duration |
|---|-----------|--------------------------------------|---------|-----------------------|----------------------------|
| 1,4-BUTANEDIOL | Ingestion | Not classified for development | Mouse | NOAEL 600 mg/kg/day | during organogenesis |
| Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate | Ingestion | Not classified for male reproduction | Rat | NOAEL 1,493 mg/kg/day | 29 days |
| Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate | Ingestion | Not classified for development | Rat | NOAEL 209 mg/kg/day | prematuring into lactation |
| Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate | Ingestion | Toxic to female reproduction | Rat | NOAEL 804 mg/kg/day | prematuring into lactation |
| METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE | Ingestion | Not classified for male reproduction | Rat | NOAEL 1,493 mg/kg/day | 29 days |
| METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE | Ingestion | Not classified for development | Rat | NOAEL 209 mg/kg/day | prematuring into lactation |
| METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE | Ingestion | Toxic to female reproduction | Rat | NOAEL 804 mg/kg/day | prematuring into lactation |

Target Organ(s)

Specific Target Organ Toxicity - single exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|----------------|------------|-----------------------------------|--|-------------------------|---------------------|-------------------|
| 1,4-BUTANEDIOL | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Rat | LOAEL 4.6 mg/l | 4 hours |
| 1,4-BUTANEDIOL | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | Multiple animal species | NOAEL Not available | not available |
| 1,4-BUTANEDIOL | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Human | NOAEL Not available | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|---|------------|------------------------|--|---------|-----------------------|-----------------------|
| 1,4-BUTANEDIOL | Inhalation | heart | Not classified | Rat | NOAEL 5.2 mg/l | 2 weeks |
| 1,4-BUTANEDIOL | Inhalation | blood | Not classified | Rat | NOAEL 5.2 mg/l | 2 weeks |
| 1,4-BUTANEDIOL | Inhalation | liver | Not classified | Rat | NOAEL 5.2 mg/l | 2 weeks |
| 1,4-BUTANEDIOL | Inhalation | immune system | Not classified | Rat | NOAEL 5.2 mg/l | 2 weeks |
| 1,4-BUTANEDIOL | Inhalation | nervous system | Not classified | Rat | NOAEL 0.5 mg/l | 4 months |
| 1,4-BUTANEDIOL | Inhalation | kidney and/or bladder | Not classified | Rat | NOAEL 0.5 mg/l | 4 months |
| 1,4-BUTANEDIOL | Ingestion | liver | Not classified | Rat | NOAEL 500 mg/kg/day | 28 days |
| CARBON BLACK | Inhalation | pneumoconiosis | Not classified | Human | NOAEL Not available | occupational exposure |
| Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate | Ingestion | eyes | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 300 mg/kg/day | 28 days |
| Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate | Ingestion | gastrointestinal tract | Not classified | Rat | NOAEL 1,493 mg/kg/day | 29 days |
| Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate | Ingestion | liver | Not classified | Rat | NOAEL 1,493 mg/kg/day | 29 days |
| Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate | Ingestion | immune system | Not classified | Rat | NOAEL 1,493 mg/kg/day | 29 days |
| Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate | Ingestion | heart | Not classified | Rat | NOAEL 1,493 mg/kg/day | 29 days |
| Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate | Ingestion | endocrine system | Not classified | Rat | NOAEL 1,493 mg/kg/day | 29 days |
| Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate | Ingestion | hematopoietic system | Not classified | Rat | NOAEL 1,493 mg/kg/day | 29 days |
| Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate | Ingestion | nervous system | Not classified | Rat | NOAEL 1,493 mg/kg/day | 29 days |
| Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate | Ingestion | kidney and/or bladder | Not classified | Rat | NOAEL 1,493 mg/kg/day | 29 days |
| METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE | Ingestion | eyes | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 300 mg/kg/day | 28 days |
| METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE | Ingestion | gastrointestinal tract | Not classified | Rat | NOAEL 1,493 mg/kg/day | 29 days |
| METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE | Ingestion | liver | Not classified | Rat | NOAEL 1,493 mg/kg/day | 29 days |

| | | | | | | |
|---|-----------|-----------------------|----------------|-----|-----------------------------|---------|
| SEBACATE | | | | | | |
| METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE | Ingestion | immune system | Not classified | Rat | NOAEL 1,493 mg/kg/day | 29 days |
| METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE | Ingestion | heart | Not classified | Rat | NOAEL 1,493 mg/kg/day | 29 days |
| METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE | Ingestion | endocrine system | Not classified | Rat | NOAEL 1,493 mg/kg/day | 29 days |
| METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE | Ingestion | hematopoietic system | Not classified | Rat | NOAEL 1,493 mg/kg/day | 29 days |
| METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE | Ingestion | nervous system | Not classified | Rat | NOAEL 1,493 mg/kg/day | 29 days |
| METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE | Ingestion | kidney and/or bladder | Not classified | Rat | NOAEL 1,493 mg/kg/day | 29 days |

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. 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

Respiratory or Skin Sensitization

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:** 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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|------------------------|-----------|-------------------------|----------|
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Safety Data Sheet

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|------------------------|-----------|-------------------------|----------|
| Document Group: | 31-1735-5 | Version Number: | 5.00 |
| Issue Date: | 11/05/25 | Supersedes Date: | 03/10/23 |

SECTION 1: Identification

1.1. Product identifier

3M™ Scotch-Weld™ Repair Paste 2110 B/A Part A

1.2. Recommended use and restrictions on use

Recommended use

Part A of two component Polyurethane Protective Tape Repair Paste, Industrial use

1.3. Supplier's details

| | |
|----------------------|---|
| MANUFACTURER: | 3M |
| DIVISION: | Automotive and Aerospace Solutions 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.

Respiratory Sensitizer: Category 1.

Skin Sensitizer: Category 1.

2.2. Label elements

Signal word

Danger

Symbols

Health Hazard |

Pictograms



Hazard Statements

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

Precautionary statements**Prevention:**

Avoid breathing vapors.
 Wash exposed skin thoroughly after handling.
 Contaminated work clothing should not be allowed out of the workplace.
 Wear protective gloves.
 In case of inadequate ventilation wear respiratory protection.

Response:

IF ON SKIN: Wash with plenty of soap and water.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 If experiencing respiratory symptoms or if skin irritation or rash occurs: Call a POISON CENTER or doctor.
 Take off contaminated clothing and wash it before reuse.

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.

90% of the mixture consists of ingredients of unknown acute oral toxicity.

SECTION 3: Composition/information on ingredients

| Ingredient | C.A.S. No. | % by Wt |
|---------------------------------------|---------------|-----------------------|
| POLYURETHANE PREPOLYMER | Trade Secret* | 70 - 90 |
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | 5124-30-1 | 7 - 13 Trade Secret * |
| HEXAMETHYLENE DIISOCYANATE POLYMER | 28182-81-2 | 1 - 5 Trade Secret * |

*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:

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 feel unwell, get medical attention.

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

Allergic respiratory reaction (difficulty breathing, wheezing, cough, and tightness of chest). Allergic skin reaction (redness, swelling, blistering, and itching).

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**

Isocyanates
Carbon monoxide
Carbon dioxide
Hydrogen Cyanide
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**

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. 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.

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

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

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. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.)

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 acids. Store away from strong bases. Store away from oxidizing agents. Store away from amines.

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 |
|---------------------------------------|------------|--------|---------------|---------------------|
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | 5124-30-1 | ACGIH | TWA:0.005 ppm | |

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.

For prolonged or repeated contact, gloves made from the following material(s) are recommended (breakthrough times are >4

hours): Butyl Rubber

Any glove recommended for prolonged/repeated contact is also suitable for short-term/splash contact.

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: | Paste |
| Color | Transparent Colorless |
| Odor | Slight Urethane |
| Odor threshold | <i>No Data Available</i> |
| pH | <i>Not Applicable</i> |
| Melting point/Freezing point | <i>Not Applicable</i> |
| Boiling point/Initial boiling point/Boiling range | >=186 °C |
| Flash Point | >=186.1 °C [<i>Test Method: Closed Cup</i>] |
| Evaporation rate | <i>Not Applicable</i> |
| Flammability | Not Applicable |
| Flammable Limits(LEL) | <i>Not Applicable</i> |
| Flammable Limits(UEL) | <i>Not Applicable</i> |
| Relative Vapor Density | <i>No Data Available</i> |
| Density | 1.05 g/ml |
| Relative Density | 1.05 [<i>Ref Std: WATER=1</i>] |
| Water solubility | Negligible |
| Solubility- non-water | <i>No Data Available</i> |
| Partition coefficient: n-octanol/ water | <i>No Data Available</i> |
| Autoignition temperature | <i>Not Applicable</i> |
| Decomposition temperature | <i>No Data Available</i> |
| Kinematic Viscosity | 219,048 mm ² /sec |
| Volatile Organic Compounds | 0 g/l [<i>Test Method: calculated SCAQMD rule 443.1</i>] |
| Percent volatile | 0 % weight |
| VOC Less H ₂ O & Exempt Solvents | 0 g/l [<i>Test Method: calculated SCAQMD rule 443.1</i>] |

| | |
|--------------------------|-----------------------|
| Particle Characteristics | <i>Not Applicable</i> |
|--------------------------|-----------------------|

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 is generated during cure. Do not cure a mass larger than 50 grams in a confined space to prevent a premature exothermic reaction with production of intense heat and smoke.

10.5. Incompatible materials

Amines

Alcohols

Water

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

Strong acids

Strong bases

Strong oxidizing agents

10.6. Hazardous decomposition products

Substance

Condition

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.

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:

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.

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 | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Dermal | Rat | LD50 > 7,000 mg/kg |
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Inhalation-Dust/Mist (4 hours) | Rat | LC50 0.33 mg/l |
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Ingestion | Rat | LD50 18,200 mg/kg |
| HEXAMETHYLENE DIISOCYANATE POLYMER | Inhalation-Dust/Mist (4 hours) | Professional judgment | LC50 estimated to be 1 - 5 mg/l |
| HEXAMETHYLENE DIISOCYANATE POLYMER | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| HEXAMETHYLENE DIISOCYANATE POLYMER | Ingestion | Rat | LD50 > 5,000 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|---------------------------------------|---------|--------------------|
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Rabbit | Irritant |
| HEXAMETHYLENE DIISOCYANATE POLYMER | Rabbit | Minimal irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|---------------------------------------|---------|---------------|
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Rabbit | Mild irritant |
| HEXAMETHYLENE DIISOCYANATE POLYMER | Rabbit | Mild irritant |

Skin Sensitization

| Name | Species | Value |
|---------------------------------------|------------------|-------------|
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Human and animal | Sensitizing |
| HEXAMETHYLENE DIISOCYANATE POLYMER | Guinea pig | Sensitizing |

Respiratory Sensitization

| Name | Species | Value |
|---------------------------------------|-----------------------|----------------|
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Professional judgment | Sensitizing |
| HEXAMETHYLENE DIISOCYANATE POLYMER | similar compounds | Not classified |

Germ Cell Mutagenicity

| Name | Route | Value |
|------|-------|-------|
| | | |

| | | |
|---------------------------------------|----------|---------------|
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | In Vitro | Not mutagenic |
| HEXAMETHYLENE DIISOCYANATE POLYMER | In Vitro | Not mutagenic |
| HEXAMETHYLENE DIISOCYANATE POLYMER | In vivo | Not mutagenic |

Carcinogenicity

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

Reproductive Toxicity

Reproductive and/or Developmental Effects

| Name | Route | Value | Species | Test Result | Exposure Duration |
|---------------------------------------|------------|--|---------|---------------|----------------------------|
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Inhalation | Not classified for female reproduction | Rat | NOAEL 6 mg/m3 | prematuring into lactation |
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Inhalation | Not classified for male reproduction | Rat | NOAEL 6 mg/m3 | 28 days |
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Inhalation | Not classified for development | Rat | NOAEL 6 mg/m3 | during gestation |

Target Organ(s)

Specific Target Organ Toxicity - single exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|---------------------------------------|------------|------------------------|----------------------------------|---------|---------------------|-------------------|
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Inhalation | respiratory irritation | May cause respiratory irritation | Rat | NOAEL not available | |
| HEXAMETHYLENE DIISOCYANATE POLYMER | Inhalation | respiratory irritation | May cause respiratory irritation | | NOAEL Not available | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|---------------------------------------|------------|---------------------------------|----------------|---------|----------------|-------------------|
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Inhalation | respiratory system | Not classified | Rat | NOAEL 3 mg/m3 | 90 days |
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Inhalation | heart | Not classified | Rat | NOAEL 18 mg/m3 | 90 days |
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Inhalation | skin | Not classified | Rat | NOAEL 18 mg/m3 | 90 days |
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Inhalation | endocrine system | Not classified | Rat | NOAEL 18 mg/m3 | 90 days |
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Inhalation | gastrointestinal tract | Not classified | Rat | NOAEL 18 mg/m3 | 90 days |
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Inhalation | bone, teeth, nails, and/or hair | Not classified | Rat | NOAEL 18 mg/m3 | 90 days |
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Inhalation | hematopoietic system | Not classified | Rat | NOAEL 18 mg/m3 | 90 days |
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Inhalation | liver | Not classified | Rat | NOAEL 18 mg/m3 | 90 days |
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Inhalation | immune system | Not classified | Rat | NOAEL 18 mg/m3 | 90 days |
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Inhalation | muscles | Not classified | Rat | NOAEL 18 mg/m3 | 90 days |

| | | | | | | |
|---------------------------------------|------------|-----------------------|----------------|-----|------------------|---------|
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Inhalation | nervous system | Not classified | Rat | NOAEL 18 mg/m3 | 90 days |
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Inhalation | eyes | Not classified | Rat | NOAEL 18 mg/m3 | 90 days |
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Inhalation | kidney and/or bladder | Not classified | Rat | NOAEL 18 mg/m3 | 90 days |
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | Inhalation | vascular system | Not classified | Rat | NOAEL 18 mg/m3 | 90 days |
| HEXAMETHYLENE DIISOCYANATE POLYMER | Inhalation | immune system | Not classified | Rat | NOAEL 0.084 mg/l | 2 weeks |
| HEXAMETHYLENE DIISOCYANATE POLYMER | Inhalation | blood | Not classified | Rat | NOAEL 0.084 mg/l | 2 weeks |

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. If no other disposal options are available, waste product that has been completely cured or polymerized may be placed in a landfill properly designed for industrial waste. 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.

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

Skin Corrosion or Irritation

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> |
|---------------------------------------|------------------|---------------------|
| METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE) | 5124-30-1 | Trade Secret 7 - 13 |

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:** 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.

| | | | |
|------------------------|-----------|-------------------------|----------|
| Document Group: | 31-1735-5 | Version Number: | 5.00 |
| Issue Date: | 11/05/25 | Supersedes Date: | 03/10/23 |

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