



## Safety Data Sheet

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|                        |           |                         |          |
|------------------------|-----------|-------------------------|----------|
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| <b>Issue Date:</b>     | 06/15/22  | <b>Supersedes Date:</b> | 05/21/18 |

### SECTION 1: Identification

#### 1.1. Product identifier

3M™ Scotch-Weld™ Instant Adhesive Surface Activator Clear/Light Amber

#### Product Identification Numbers

| ID Number      | UPC              | ID Number      | UPC |
|----------------|------------------|----------------|-----|
| 62-3804-0830-2 | 00-21200-87937-1 | 62-3804-0835-1 |     |
| 62-3804-7530-1 | 00-21200-87963-0 |                |     |

7000046525, 7000121351

#### 1.2. Recommended use and restrictions on use

##### Recommended use

Primer

#### 1.3. Supplier's details

|                      |   |
|----------------------|---|
| <b>MANUFACTURER:</b> | 3M                                      |
| <b>DIVISION:</b>     | Industrial Adhesives and Tapes Division |
| <b>ADDRESS:</b>      | 3M Center, St. Paul, MN 55144-1000, USA |
| <b>Telephone:</b>    | 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

Flammable Liquid: Category 2.

Serious Eye Damage/Irritation: Category 2A.

Carcinogenicity: Category 1B.

Specific Target Organ Toxicity (single exposure): Category 3.

Specific Target Organ Toxicity (repeated exposure): Category 2.

#### 2.2. Label elements

##### Signal word

Danger

##### Symbols

Flame | Exclamation mark | Health Hazard |

### Pictograms



### Hazard Statements

Highly flammable liquid and vapor.

Causes serious eye irritation.

May cause drowsiness or dizziness.

May cause cancer.

May cause damage to organs through prolonged or repeated exposure:

### Precautionary Statements

#### Prevention:

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Ground/bond container and receiving equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Keep container tightly closed.

Use explosion-proof electrical/ventilating/lighting equipment.

Do not breathe dust/fume/gas/mist/vapors/spray.

Use only outdoors or in a well-ventilated area.

Wear protective gloves and eye/face protection.

Wash thoroughly after handling.

#### Response:

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

If eye irritation persists: Get medical advice/attention.

IF exposed or concerned: Get medical advice/attention.

In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

#### Storage:

Keep cool.

Keep container tightly closed.

Store locked up in a well-ventilated place.

#### Disposal:

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

### 2.3. Hazards not otherwise classified

Repeated exposure may cause skin dryness or cracking.

**SECTION 3: Composition/information on ingredients**

| Ingredient               | C.A.S. No. | % by Wt                |
|--------------------------|------------|------------------------|
| Acetone                  | 67-64-1    | 95 - 99 Trade Secret * |
| N,N-Dimethyl-p-Toluidine | 99-97-8    | 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:**

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**

Central nervous system depression (headache, dizziness, drowsiness, incoordination, nausea, slurred speech, giddiness, and unconsciousness). 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**

In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

**5.2. Special hazards arising from the substance or mixture**

Closed containers exposed to heat from fire may build pressure and explode.

**Hazardous Decomposition or By-Products****Substance**

Acetic Acid  
Aldehydes  
Amine Compounds  
Carbon monoxide  
Carbon dioxide  
Irritant Vapors or Gases

**Condition**

During Combustion  
During Combustion  
During Combustion  
During Combustion  
During Combustion  
During Combustion

**5.3. Special protective actions for fire-fighters**

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. 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. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. 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. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. 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

Contain spill. Cover spill area with a fire extinguishing foam that is resistant to polar solvents. 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 using non-sparking tools. Place in a metal 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. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Take precautionary measures against static discharge. 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. Avoid release to the environment. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.) Wear low static or properly grounded shoes. Use personal protective equipment (gloves, respirators, etc.) as required. To minimize the risk of ignition, determine applicable electrical classifications for the process using this product and select specific local exhaust ventilation equipment to avoid flammable vapor accumulation. Ground/bond container and receiving equipment if there is potential for static electricity accumulation during transfer.

### 7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Protect from sunlight. Store away from heat. Store away from acids. 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            |
|--------------------------|------------|--------|--------------------------|--------------------------------|
| Acetone                  | 67-64-1    | ACGIH  | TWA:250 ppm;STEL:500 ppm | A4: Not class. as human carcin |
| Acetone                  | 67-64-1    | OSHA   | TWA:2400 mg/m3(1000 ppm) |                                |
| N,N-Dimethyl-p-Toluidine | 99-97-8    | AIHA   | TWA:0.5 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. Use explosion-proof ventilation equipment. Provide local exhaust ventilation at transfer points.

### 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:

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

#### 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

Organic vapor respirators may have short service life.

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

Straw, White

Specific Physical Form:

Thin Liquid

Odor

Ketones

Odor threshold

*No Data Available*

pH

*No Data Available*

Melting point

*Not Applicable*

Boiling Point

133 °F

Flash Point

-4 °F [*Test Method:* Tagliabue Closed Cup]

[*Details:* CONDITIONS: (-20 C)]

Evaporation rate

*No Data Available*

|   |   |
|---|---|
| Flammability (solid, gas)               | Not Applicable  |
| Flammable Limits(LEL)                   | 2.6 %   |
| Flammable Limits(UEL)                   | 12.8 %  |
| Vapor Pressure                          | 180 mmHg [ <i>Details:CONDITIONS: @68F (acetone)</i> ]    |
| Vapor Density                           | 2 [ <i>Ref Std:AIR=1</i> ]                                |
| Density                                 | 0.8 g/ml  |
| Specific Gravity                        | 0.8 [ <i>Ref Std:WATER=1</i> ]                            |
| Solubility In Water                     | 85 %  |
| 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>                                  |
| Viscosity                               | <=10 centipoise [ <i>@ 73.4 °F</i> ]                      |
| Hazardous Air Pollutants                | 0 % weight [ <i>Test Method:Calculated</i> ]              |
| Volatile Organic Compounds              | 0 g/l [ <i>Test Method:calculated SCAQMD rule 443.1</i> ] |
| VOC Less H2O & Exempt Solvents          | 0 % [ <i>Test Method:calculated per CARB title 2</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.

May cause additional health effects (see below).

**Skin Contact:**

Prolonged or repeated exposure may cause: Dermal Defatting: Signs/symptoms may include localized redness, itching, drying and cracking of skin.

**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.

May cause additional health effects (see below).

**Additional Health Effects:****Single exposure may cause target organ effects:**

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

**Carcinogenicity:**

Contains a chemical or chemicals which can cause cancer.

| Ingredient           | CAS No. | Class Description             | Regulation                                  |
|----------------------|---------|-------------------------------|---|
| Dimethyl-p-toluidine | 99-97-8 | 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 >5,000 mg/kg |
| Acetone                  | Dermal                         | Rabbit  | LD50 > 15,688 mg/kg                            |
| Acetone                  | Inhalation-Vapor (4 hours)     | Rat     | LC50 76 mg/l                                   |
| Acetone                  | Ingestion                      | Rat     | LD50 5,800 mg/kg                               |
| N,N-Dimethyl-p-Toluidine | Dermal                         | Rabbit  | LD50 > 2,000 mg/kg                             |
| N,N-Dimethyl-p-Toluidine | Inhalation-Dust/Mist (4 hours) | Rat     | LC50 1.4 mg/l                                  |
| N,N-Dimethyl-p-Toluidine | Ingestion                      | Rat     | LD50 1,650 mg/kg                               |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name    | Species | Value              |
|---------|---------|--------------------|
| Acetone | Mouse   | Minimal irritation |

**Serious Eye Damage/Irritation**

| Name | Species | Value |
|------|---------|-------|
|------|---------|-------|

|         |        |                 |
|---------|--------|-----------------|
| Acetone | Rabbit | Severe irritant |
|---------|--------|-----------------|

### Skin Sensitization

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

### 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  |
|---------|----------|--|
| Acetone | In vivo  | Not mutagenic  |
| Acetone | In Vitro | Some positive data exist, but the data are not sufficient for classification |

### Carcinogenicity

| Name                     | Route         | Species                 | Value            |
|--------------------------|---------------|-------------------------|------------------|
| Acetone                  | Not Specified | Multiple animal species | Not carcinogenic |
| N,N-Dimethyl-p-Toluidine | Ingestion     | Multiple animal species | Carcinogenic     |

### Reproductive Toxicity

#### Reproductive and/or Developmental Effects

| Name    | Route      | Value                                | Species | Test Result           | Exposure Duration    |
|---------|------------|--------------------------------------|---------|-----------------------|----------------------|
| Acetone | Ingestion  | Not classified for male reproduction | Rat     | NOAEL 1,700 mg/kg/day | 13 weeks             |
| Acetone | Inhalation | Not classified for development       | Rat     | NOAEL 5.2 mg/l        | during organogenesis |

### Target Organ(s)

#### Specific Target Organ Toxicity - single exposure

| Name    | Route      | Target Organ(s)                   | Value  | Species    | Test Result         | Exposure Duration      |
|---------|------------|-----------------------------------|--|------------|---------------------|------------------------|
| Acetone | Inhalation | central nervous system depression | May cause drowsiness or dizziness  | Human      | NOAEL Not available |                        |
| Acetone | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | Human      | NOAEL Not available |                        |
| Acetone | Inhalation | immune system                     | Not classified   | Human      | NOAEL 1.19 mg/l     | 6 hours                |
| Acetone | Inhalation | liver                             | Not classified   | Guinea pig | NOAEL Not available |                        |
| Acetone | Ingestion  | central nervous system depression | May cause drowsiness or dizziness  | Human      | NOAEL Not available | poisoning and/or abuse |

#### Specific Target Organ Toxicity - repeated exposure

| Name    | Route      | Target Organ(s)      | Value          | Species    | Test Result         | Exposure Duration |
|---------|------------|----------------------|----------------|------------|---------------------|-------------------|
| Acetone | Dermal     | eyes                 | Not classified | Guinea pig | NOAEL Not available | 3 weeks           |
| Acetone | Inhalation | hematopoietic system | Not classified | Human      | NOAEL 3 mg/l        | 6 weeks           |
| Acetone | Inhalation | immune system        | Not classified | Human      | NOAEL 1.19 mg/l     | 6 days            |



|         |            |  |                |            |                        |               |
|---------|------------|--|----------------|------------|------------------------|---------------|
| Acetone | Inhalation | kidney and/or bladder                  | Not classified | Guinea pig | NOAEL 119 mg/l         | not available |
| Acetone | Inhalation | heart   liver                          | Not classified | Rat        | NOAEL 45 mg/l          | 8 weeks       |
| Acetone | Ingestion  | kidney and/or bladder                  | Not classified | Rat        | NOAEL 900 mg/kg/day    | 13 weeks      |
| Acetone | Ingestion  | heart                                  | Not classified | Rat        | NOAEL 2,500 mg/kg/day  | 13 weeks      |
| Acetone | Ingestion  | hematopoietic system                   | Not classified | Rat        | NOAEL 200 mg/kg/day    | 13 weeks      |
| Acetone | Ingestion  | liver                                  | Not classified | Mouse      | NOAEL 3,896 mg/kg/day  | 14 days       |
| Acetone | Ingestion  | eyes                                   | Not classified | Rat        | NOAEL 3,400 mg/kg/day  | 13 weeks      |
| Acetone | Ingestion  | respiratory system                     | Not classified | Rat        | NOAEL 2,500 mg/kg/day  | 13 weeks      |
| Acetone | Ingestion  | muscles                                | Not classified | Rat        | NOAEL 2,500 mg/kg      | 13 weeks      |
| Acetone | Ingestion  | skin   bone, teeth, nails, and/or hair | Not classified | Mouse      | NOAEL 11,298 mg/kg/day | 13 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.

Incinerate in a permitted waste incineration facility. As a disposal alternative, utilize an acceptable permitted waste disposal facility. 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):** D001 (Ignitable)

## 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**

Flammable (gases, aerosols, liquids, or solids)

**Health Hazards**

Carcinogenicity

Hazard Not Otherwise Classified (HNOC)

Serious eye damage or eye irritation

Specific target organ toxicity (single or repeated exposure)

**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:** 3 **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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