



## Safety Data Sheet

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### SECTION 1: Identification

#### 1.1. Product identifier

3M™ Air and Vapor Barrier 3015

#### Product Identification Numbers

70-0067-3142-9, 70-0067-3143-7, 70-0067-3144-5, 70-0067-3146-0, 70-0067-3426-6, 70-0067-3427-4, 70-0067-6188-9, 70-0075-1247-1, 70-0075-1248-9, 70-0075-1764-5, 70-0075-1765-2, 70-0075-3629-8, 70-0075-3876-5, 7000049665, 7000049664, 7100200515, 7010314195, 7100142821, 7100192367, 7000124832, 7000049680, 7000124830, 7010375295, 7000124841, 7100160778, 7100160779

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

##### Recommended use

Sealing, Waterproofing.

#### 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

Skin Sensitizer: Category 1B.

#### 2.2. Label elements

##### Signal word

Warning

##### Symbols

Exclamation mark |

##### Pictograms

**Hazard Statements**

May cause an allergic skin reaction.

**Precautionary Statements****Prevention:**

Avoid breathing dust/fume/gas/mist/vapors/spray.

Wear protective gloves.

Contaminated work clothing must not be allowed out of the workplace.

**Response:**

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

**Disposal:**

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

### SECTION 3: Composition/information on ingredients

| Ingredient                | C.A.S. No.    | % by Wt                |
|---------------------------|---------------|------------------------|
| Multilayered Film Backing | None          | 50 - 80 Trade Secret * |
| Acrylic Adhesive          | Trade Secret* | 30 - 60 Trade Secret * |
| Isooctyl Acrylate         | 29590-42-9    | < 2.5 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:**

No need for first aid is anticipated.

**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

Hydrocarbons  
Carbon monoxide  
Carbon dioxide

#### 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. 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.

### 6.3. Methods and material for containment and cleaning up

Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue. 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

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.

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

No special storage requirements.

## 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 |
|-------------------|------------|--------|------------------------------------|---------------------|
| Isooctyl Acrylate | 29590-42-9 | AIHA   | TWA:37.5 mg/m <sup>3</sup> (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.

### 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. 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

None required.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

Physical state

Solid

Color

Tan

Specific Physical Form:

Roll of Tape

Odor

Acrylic

Odor threshold

*Not Applicable*

pH

*Not Applicable*

Melting point

*Not Applicable*

Boiling Point

*Not Applicable*

Flash Point

No flash point

Evaporation rate

*Not Applicable*

Flammability (solid, gas)

Not Classified

Flammable Limits(LEL)

*Not Applicable*

Flammable Limits(UEL)

*Not Applicable*

Vapor Pressure

*Not Applicable*

Vapor Density

*Not Applicable*

Density

*Not Applicable*

Specific Gravity

*Not Applicable*

Solubility in Water

Nil

Solubility- non-water

*Not Applicable*

Partition coefficient: n-octanol/ water

*Not Applicable*

Autoignition temperature

*Not Applicable*

Decomposition temperature

*Not Applicable*

|                                |                       |
|--------------------------------|-----------------------|
| Viscosity                      | <i>Not Applicable</i> |
| Volatile Organic Compounds     | <i>Not Applicable</i> |
| Percent volatile               | <i>Not Applicable</i> |
| VOC Less H2O & Exempt Solvents | <i>Not Applicable</i> |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

This material is considered to be non reactive under normal use conditions.

### 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

None known.

### 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:

No health effects are expected.

#### 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:

Physical Blockage: Signs/symptoms may include cramping, abdominal pain, and constipation.

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

### 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 |
| Isooctyl Acrylate | Dermal    | Rabbit  | LD50 > 2,000 mg/kg                             |
| Isooctyl Acrylate | Ingestion | Rat     | LD50 > 5,000 mg/kg                             |

ATE = acute toxicity estimate

#### Skin Corrosion/Irritation

| Name              | Species       | Value                     |
|-------------------|---------------|---------------------------|
| Isooctyl Acrylate | In vitro data | No significant irritation |

#### Serious Eye Damage/Irritation

| Name              | Species                | Value         |
|-------------------|------------------------|---------------|
| Isooctyl Acrylate | similar health hazards | Mild irritant |

#### Skin Sensitization

| Name              | Species | Value       |
|-------------------|---------|-------------|
| Isooctyl Acrylate | Mouse   | 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  |
|-------------------|----------|--|
| Isooctyl Acrylate | In Vitro | Some positive data exist, but the data are not sufficient for classification |

#### Carcinogenicity

| Name              | Route  | Species | Value            |
|-------------------|--------|---------|------------------|
| Isooctyl Acrylate | Dermal | Mouse   | Not carcinogenic |

#### Reproductive Toxicity

##### Reproductive and/or Developmental Effects

| Name              | Route     | Value                                  | Species | Test Result           | Exposure Duration              |
|-------------------|-----------|--|---------|-----------------------|--------------------------------|
| Isooctyl Acrylate | Dermal    | Not classified for female reproduction | Rat     | NOAEL 57 mg/kg/day    | prematuring & during gestation |
| Isooctyl Acrylate | Dermal    | Not classified for male reproduction   | Rat     | NOAEL 57 mg/kg/day    | prematuring & during gestation |
| Isooctyl Acrylate | Dermal    | Not classified for development         | Rat     | NOAEL 57 mg/kg/day    | prematuring & during gestation |
| Isooctyl Acrylate | Ingestion | Not classified for development         | Rat     | NOAEL 1,000 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     |
|-------------------|------------|-----------------------------------|----------------|---------|---------------------|-----------------------|
| Isooctyl Acrylate | Inhalation | respiratory irritation            | Not classified | Human   | NOAEL Not available | occupational exposure |
| Isooctyl Acrylate | Ingestion  | central nervous system depression | Not classified | Rat     | NOAEL 5,000 mg/kg   |                       |

**Specific Target Organ Toxicity - repeated exposure**

| Name              | Route     | Target Organ(s)  | Value          | Species | Test Result         | Exposure Duration              |
|-------------------|-----------|--|----------------|---------|---------------------|--------------------------------|
| Isooctyl Acrylate | Dermal    | heart   endocrine system   hematopoietic system   liver   immune system   nervous system   kidney and/or bladder   respiratory system  | Not classified | Rat     | NOAEL 57 mg/kg/day  | prematuring & during gestation |
| Isooctyl Acrylate | Ingestion | endocrine system   liver   kidney and/or bladder   heart   bone, teeth, nails, and/or hair   hematopoietic system   immune system   muscles   nervous system   eyes   respiratory system   vascular system | Not classified | Rat     | NOAEL 600 mg/kg/day | 90 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 waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste

incineration facility.

## 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

### 15.2. State Regulations

Contact 3M for more information.

### 15.3. Chemical Inventories

This product is an article as defined by TSCA regulations, and is exempt from TSCA Inventory listing requirements.

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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