



## Safety Data Sheet

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|                        |           |                         |          |
|------------------------|-----------|-------------------------|----------|
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### SECTION 1: Identification

#### 1.1. Product identifier

3M™ Interior Dressing, 38086, 38087, 38088

#### Product Identification Numbers

LB-K100-1715-1, 60-4550-8409-9, 60-4550-8410-7, 60-4550-8486-7

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

##### Recommended use

Automotive, Automotive Interior Surface Detailing

#### 1.3. Supplier's details

|                      |   |
|----------------------|---|
| <b>MANUFACTURER:</b> | 3M                                      |
| <b>DIVISION:</b>     | Automotive Aftermarket                  |
| <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

The label elements below were prepared in accordance with OSHA Hazard Communication Standard, 29 CFR 1910.1200. This information may be different from the actual product label information for labels regulated by other agencies.

#### 2.1. Hazard classification

Serious Eye Damage/Irritation: Category 2A.

Carcinogenicity: Category 2.

#### 2.2. Label elements

##### Signal word

Warning

##### Symbols

Exclamation mark | Health Hazard |

**Pictograms****Hazard Statements**

Causes serious eye irritation.  
Suspected of causing cancer.

**Precautionary Statements****General:**

Keep out of reach of children.

**Prevention:**

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Wear protective gloves and eye/face protection.  
Wash thoroughly after handling.

**Response:**

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.

**Storage:**

Store locked up.

**Disposal:**

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

**2.3. Hazards not otherwise classified**

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

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

| Ingredient   | C.A.S. No.  | % by Wt                  |
|--|-------------|--------------------------|
| Water  | 7732-18-5   | 60 - 100 Trade Secret *  |
| Poly(Dimethylsiloxane)   | 63148-62-9  | 10 - 30 Trade Secret *   |
| Poly(Oxy-1,2-Ethanediy), .Alpha.-(2-Propylheptyl)-.Omega.-Hydroxy- | 160875-66-1 | 0.5 - 2.5 Trade Secret * |
| Crotonaldehyde   | 4170-30-3   | < 0.5 Trade Secret *     |
| Vinyl Acetate  | 108-05-4    | < 0.5 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:**

Wash with soap and water. 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**

See Section 11.1. Information on toxicological effects.

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

Not applicable

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

Material will not burn.

**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

**Condition**

During Combustion  
During Combustion

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

No special protective actions for fire-fighters are anticipated.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. 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. 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.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Keep out of reach of children. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.) Use personal protective equipment (gloves, respirators, etc.) as required.

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

Store away from oxidizing agents. Keep in a locked cabinet.

## 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                |
|----------------|------------|--------|---------------------------------|------------------------------------|
| Vinyl Acetate  | 108-05-4   | ACGIH  | TWA:10 ppm;STEL:15 ppm          | A3: Confirmed animal carcin.       |
| Crotonaldehyde | 4170-30-3  | ACGIH  | CEIL:0.3 ppm                    | A3: Confirmed animal carcin., SKIN |
| Crotonaldehyde | 4170-30-3  | OSHA   | TWA:6 mg/m <sup>3</sup> (2 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:

Indirect Vented Goggles

##### Skin/hand protection

No protective gloves required. 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: Butyl Rubber

Polymer laminate

### Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

## SECTION 9: Physical and chemical properties

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

|  |  |
|--|--|
| <b>General Physical Form:</b>                  | Liquid   |
| <b>Odor, Color, Grade:</b>                     | White liquid, light fruit scent                        |
| <b>Odor threshold</b>                          | <i>No Data Available</i>                               |
| <b>pH</b>                                      | 7 - 8  |
| <b>Melting point</b>                           | <i>Not Applicable</i>                                  |
| <b>Boiling Point</b>                           | 210 °F   |
| <b>Flash Point</b>                             | No flash point   |
| <b>Evaporation rate</b>                        | <i>No Data Available</i>                               |
| <b>Flammability (solid, gas)</b>               | Not Applicable   |
| <b>Flammable Limits(LEL)</b>                   | <i>No Data Available</i>                               |
| <b>Flammable Limits(UEL)</b>                   | <i>No Data Available</i>                               |
| <b>Vapor Pressure</b>                          | <i>No Data Available</i>                               |
| <b>Vapor Density</b>                           | <i>No Data Available</i>                               |
| <b>Density</b>                                 | 1 g/ml   |
| <b>Specific Gravity</b>                        | 1 [Ref Std:WATER=1]                                    |
| <b>Solubility in Water</b>                     | Negligible   |
| <b>Solubility- non-water</b>                   | <i>No Data Available</i>                               |
| <b>Partition coefficient: n-octanol/ water</b> | <i>No Data Available</i>                               |
| <b>Autoignition temperature</b>                | <i>Not Applicable</i>                                  |
| <b>Decomposition temperature</b>               | <i>No Data Available</i>                               |
| <b>Viscosity</b>                               | <= 20 centipoise                                       |
| <b>Hazardous Air Pollutants</b>                | 0.04 % weight [Test Method:Calculated]                 |
| <b>Volatile Organic Compounds</b>              | 5 g/l [Test Method:calculated SCAQMD rule 443.1]       |
| <b>Volatile Organic Compounds</b>              | 0.1 % weight [Test Method:calculated per CARB title 2] |
| <b>Percent volatile</b>                        | 86.7 % weight  |
| <b>VOC Less H2O &amp; Exempt Solvents</b>      | 33 g/l [Test Method:calculated SCAQMD rule 443.1]      |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

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

### 10.2. Chemical stability

Stable.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

None known.

**10.5. Incompatible materials**

Strong oxidizing agents

**10.6. Hazardous decomposition products**

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
| Formaldehyde     | Not Specified    |

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:**

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

**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:**

**Carcinogenicity:**

Contains a chemical or chemicals which can cause cancer.

| <u>Ingredient</u> | <u>CAS No.</u> | <u>Class Description</u>      | <u>Regulation</u>                           |
|-------------------|----------------|-------------------------------|---|
| Vinyl Acetate     | 108-05-4       | 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        | Inhalation-Vapor(4 hr)     |         | No data available; calculated ATE >50 mg/l     |
| Overall product        | Ingestion                  |         | No data available; calculated ATE >5,000 mg/kg |
| Poly(Dimethylsiloxane) | Dermal                     | Rabbit  | LD50 > 19,400 mg/kg                            |
| Poly(Dimethylsiloxane) | Ingestion                  | Rat     | LD50 > 17,000 mg/kg                            |
| Crotonaldehyde         | Dermal                     |         | estimated to be 200 - 1,000 mg/kg              |
| Crotonaldehyde         | Inhalation-Dust/Mist       |         | estimated to be > 12.5 mg/l                    |
| Crotonaldehyde         | Inhalation-Vapor           |         | estimated to be 0.5 - 2 mg/l                   |
| Crotonaldehyde         | Ingestion                  |         | estimated to be 50 - 300 mg/kg                 |
| Vinyl Acetate          | Dermal                     | Rabbit  | LD50 2,320 mg/kg                               |
| Vinyl Acetate          | Inhalation-Vapor (4 hours) | Rat     | LC50 11.3 mg/l                                 |
| Vinyl Acetate          | Ingestion                  | Rat     | LD50 2,920 mg/kg                               |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name                   | Species | Value                     |
|------------------------|---------|---------------------------|
| Poly(Dimethylsiloxane) | Rabbit  | No significant irritation |
| Vinyl Acetate          | Rabbit  | Minimal irritation        |

**Serious Eye Damage/Irritation**

| Name                   | Species | Value                     |
|------------------------|---------|---------------------------|
| Poly(Dimethylsiloxane) | Rabbit  | No significant irritation |
| Vinyl Acetate          | Rabbit  | Mild irritant             |

**Skin Sensitization**

| Name          | Species    | Value          |
|---------------|------------|----------------|
| Vinyl Acetate | Guinea pig | Not classified |

**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  |
|---------------|----------|--|
| Vinyl Acetate | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Vinyl Acetate | In vivo  | Some positive data exist, but the data are not sufficient for classification |

**Carcinogenicity**

| Name          | Route      | Species                 | Value        |
|---------------|------------|-------------------------|--------------|
| Vinyl Acetate | Ingestion  | Multiple animal species | Carcinogenic |
| Vinyl Acetate | Inhalation | Rat                     | Carcinogenic |

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

| Name | Route | Value | Species | Test Result | Exposure |
|------|-------|-------|---------|-------------|----------|
|------|-------|-------|---------|-------------|----------|

|               |            |  |     |                     | <b>Duration</b>      |
|---------------|------------|--|-----|---------------------|----------------------|
| Vinyl Acetate | Ingestion  | Not classified for female reproduction | Rat | NOAEL 140 mg/kg/day | 2 generation         |
| Vinyl Acetate | Ingestion  | Not classified for male reproduction   | Rat | NOAEL 140 mg/kg/day | 2 generation         |
| Vinyl Acetate | Ingestion  | Not classified for development         | Rat | NOAEL 700 mg/kg/day | 2 generation         |
| Vinyl Acetate | Inhalation | Not classified for development         | Rat | NOAEL 0.7 mg/l      | during organogenesis |

### Target Organ(s)

#### Specific Target Organ Toxicity - single exposure

| Name          | Route      | Target Organ(s)                   | Value  | Species          | Test Result         | Exposure Duration |
|---------------|------------|-----------------------------------|--|------------------|---------------------|-------------------|
| Vinyl Acetate | Inhalation | respiratory irritation            | May cause respiratory irritation   | Human and animal | NOAEL Not available |                   |
| Vinyl Acetate | Inhalation | central nervous system depression | Some positive data exist, but the data are not sufficient for classification |                  | NOAEL Not available |                   |

#### Specific Target Organ Toxicity - repeated exposure

| Name          | Route      | Target Organ(s)   | Value  | Species                 | Test Result         | Exposure Duration |
|---------------|------------|---|--|-------------------------|---------------------|-------------------|
| Vinyl Acetate | Inhalation | respiratory system  | Some positive data exist, but the data are not sufficient for classification | Multiple animal species | NOAEL 0.2 mg/l      | 104 weeks         |
| Vinyl Acetate | Inhalation | heart   hematopoietic system   liver   kidney and/or bladder  | Not classified   | Rat                     | NOAEL 2.1 mg/l      | 104 weeks         |
| Vinyl Acetate | Inhalation | endocrine system  | Not classified   | Rat                     | NOAEL 0.07 mg/l     | 120 days          |
| Vinyl Acetate | Inhalation | immune system   | Not classified   | Multiple animal species | NOAEL 3.5 mg/l      | 3 months          |
| Vinyl Acetate | Inhalation | nervous system  | Not classified   | Multiple animal species | NOAEL 2.1 mg/l      | 104 weeks         |
| Vinyl Acetate | Ingestion  | liver   | Not classified   | Rat                     | LOAEL 684 mg/kg/day | 3 months          |
| Vinyl Acetate | Ingestion  | hematopoietic system   nervous system   kidney and/or bladder | Not classified   | Rat                     | NOAEL 235 mg/kg/day | 104 weeks         |
| Vinyl Acetate | Ingestion  | immune system   respiratory system                            | Not classified   | Mouse                   | NOAEL 950 mg/kg/day | 3 months          |
| Vinyl Acetate | Ingestion  | heart   | Not classified   | Rat                     | NOAEL 235 mg/kg/day | 104 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 waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

**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.

**311/312 Hazard Categories:**

Fire Hazard - No      Pressure Hazard - No      Reactivity Hazard - No      Immediate Hazard - Yes      Delayed Hazard - Yes

**EPCRA 311/312 Hazard Classifications (effective January 1, 2018):**

**Physical Hazards**

Not applicable

**Health Hazards**

Carcinogenicity

Serious eye damage or eye 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>     |
|-------------------|------------------|--------------------|
| Vinyl Acetate     | 108-05-4         | Trade Secret < 0.5 |

**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.

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.

### HMIS Hazard Classification

**Health:** 2 **Flammability:** 0 **Physical Hazard:** 0 **Personal Protection:** X - See PPE section.

Hazardous Material Identification System (HMIS® IV) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS® IV ratings are to be used with a fully implemented HMIS® IV program. HMIS® is a registered mark of the American Coatings Association (ACA).

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