



Safety Data Sheet

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This safety data sheet (SDS) is provided as a courtesy in response to a customer request. This product is not regulated under, and a SDS is not required for this product according to the Canadian Hazardous Products Regulations because, when used as recommended or under ordinary conditions, it should not present a health and safety hazard. However, use or processing of the product not in accordance with the product's recommendations or not under ordinary conditions may affect the performance of the product and may present potential health and safety hazards.

| | | | |
|------------------------|------------|-------------------------|---------------|
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This Safety Data Sheet has been prepared in accordance with the Canadian Hazardous Products Regulations.

SECTION 1: Identification

1.1. Product identifier

3M™ Rapid SRB Detection Pouch

Product Identification Numbers

| | | | | |
|----------------|----------------|----------------|----------------|----------------|
| 41-4202-7902-2 | 41-4202-8214-1 | 44-0028-0173-4 | 98-0213-3386-3 | 98-0213-3406-9 |
| 98-0213-3499-4 | 98-0213-3503-3 | 98-0213-3670-0 | HB-0046-2477-9 | HB-0046-2478-7 |

1.2. Recommended use and restrictions on use

Intended Use

Quality Control Indicator

Restrictions on use

For Industrial Use Only. Not intended for use in medical, food, drug, or cosmetic applications.

1.3. Supplier's details

| | |
|-------------------|--|
| Company: | 3M Canada Company |
| Division: | Advanced Materials Division |
| Address: | 1840 Oxford Street East, Post Office Box 5757, London, Ontario N6A 4T1 |
| Telephone: | (800) 364-3577 |
| Website: | www.3M.ca |

1.4. Emergency telephone number

Medical Emergency Telephone: 1-800-3M HELPS / 1-800-364-3577; Transportation Emergency Telephone (CANUTEC): (613) 996-6666

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Not classified according to the Canadian Hazardous Products Regulation.

2.2. Label elements**Signal word**

Not applicable.

Symbols

Not applicable.

Pictograms

Not applicable.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

This material is a mixture.

| Ingredient | C.A.S. No. | % by Wt | Common Name |
|-------------------------------------|-------------------|----------------|--|
| PET | 25038-59-9 | 60 - 85 | Poly(oxy-1,2-ethanediylloxycarbonyl-1,4-phenylenecarbonyl) |
| Adhesive | Trade Secret | 5 - 30 | Not Applicable |
| Paper liner | None | 5 - 10 | Not Applicable |
| Liner Coating | Trade Secret | < 2.5 | Not Applicable |
| 4,4'-THIOBIS(6-TERT-BUTYL-M-CRESOL) | 96-69-5 | < 1 | Phenol, 4,4'-thiobis[2-(1,1-dimethylethyl)-5-methyl- |
| ISOOCTYL ACRYLATE | 29590-42-9 | < 1 | 2-Propenoic acid, isooctyl ester |

Adhesive is a non-hazardous Trade Secret material according to WHMIS criteria.

Paper liner is a non-hazardous Trade Secret material according to WHMIS criteria.

Liner Coating is a non-hazardous Trade Secret material according to WHMIS criteria.

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation:**

No need for first aid is anticipated.

Skin Contact:

No need for first aid is anticipated.

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

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

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

Not applicable

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

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

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products**Substance**

None known.

Condition

During Combustion

5.3. Special protective actions for fire-fighters

Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

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

Ventilate the area with fresh air.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Not applicable.

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

This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

7.2. Conditions for safe storage including any incompatibilities

Not applicable.

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 ³ (5 ppm) | |
| 4,4'-THIOBIS(6-TERT-BUTYL-M-CRESOL) | 96-69-5 | ACGIH | TWA(inhalable fraction):1 mg/m ³ | |

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

8.2. Exposure controls**8.2.1. Engineering controls**

Not applicable.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Eye protection not required.

Skin/hand protection

No chemical protective gloves are required.

Respiratory protection

Respiratory protection is not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|--------------------------|
| Physical state | Solid |
| Specific Physical Form: | Film |
| Colour | Colourless |
| Odour | Odourless |
| Odour threshold | <i>Not Applicable</i> |
| pH | <i>Not Applicable</i> |
| Melting point/Freezing point | 260 °C |
| Boiling point | <i>Not Applicable</i> |
| Flash Point | No flash point |
| Evaporation rate | <i>No Data Available</i> |
| Flammability (solid, gas) | Not Classified |
| Flammable Limits(LEL) | <i>Not Applicable</i> |
| Flammable Limits(UEL) | <i>Not Applicable</i> |
| Vapour Pressure | <i>Not Applicable</i> |
| Vapour Density and/or Relative Vapour Density | <i>Not Applicable</i> |
| Density | 1 g/cm3 |
| Relative density | 1 |
| Water solubility | Insoluble |
| Solubility- non-water | <i>Not Applicable</i> |
| Partition coefficient: n-octanol/ water | <i>No Data Available</i> |
| Autoignition temperature | <i>Not Applicable</i> |
| Decomposition temperature | <i>Not Applicable</i> |
| Viscosity/Kinematic Viscosity | <i>No Data Available</i> |
| Volatile Organic Compounds | <i>No Data Available</i> |
| Percent volatile | <i>No Data Available</i> |
| VOC Less H2O & Exempt Solvents | <i>No Data Available</i> |
| Average particle size | <i>No Data Available</i> |
| Bulk density | <i>No Data Available</i> |
| Molecular weight | <i>No Data Available</i> |
| Softening point | <i>No Data Available</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.

No Data Available

10.6. Hazardous decomposition products

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

Refer to section 5.2 for hazardous decomposition products during combustion.

Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition products may occur as a result of oxidation, heating, or reaction with another material.

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.

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.

Additional Information:

This product, when used under reasonable conditions and in accordance with the 3M directions for use, should not present a health hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

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 |
| PET | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| PET | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Liner Coating | Dermal | | LD50 estimated to be 2,000 - 5,000 mg/kg |
| Liner Coating | Ingestion | | LD50 estimated to be 2,000 - 5,000 mg/kg |
| 4,4'-THIOBIS(6-TERT-BUTYL-M-CRESOL) | Dermal | Rabbit | LD50 > 5,010 mg/kg |
| ISOOCTYL ACRYLATE | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| 4,4'-THIOBIS(6-TERT-BUTYL-M-CRESOL) | Ingestion | Rat | LD50 2,315 mg/kg |
| ISOOCTYL ACRYLATE | Ingestion | Rat | LD50 > 5,000 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|-------------------------------------|---------------|---------------------------|
| PET | In vitro data | No significant irritation |
| 4,4'-THIOBIS(6-TERT-BUTYL-M-CRESOL) | Rabbit | Mild irritant |
| ISOOCTYL ACRYLATE | In vitro data | No significant irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|-------------------------------------|------------------------|---------------------------|
| PET | Human | No significant irritation |
| 4,4'-THIOBIS(6-TERT-BUTYL-M-CRESOL) | Rabbit | Moderate irritant |
| ISOOCTYL ACRYLATE | similar health hazards | Mild irritant |

Skin Sensitization

| Name | Species | Value |
|-------------------------------------|------------|----------------|
| PET | Human | Not classified |
| 4,4'-THIOBIS(6-TERT-BUTYL-M-CRESOL) | Guinea pig | Sensitizing |
| 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 |
|-------------------|----------|--|
| PET | In Vitro | Not mutagenic |
| 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 | premating & during gestation |
| ISOOCTYL ACRYLATE | Dermal | Not classified for male reproduction | Rat | NOAEL 57 mg/kg/day | premating & during gestation |
| ISOOCTYL ACRYLATE | Dermal | Not classified for development | Rat | NOAEL 57 mg/kg/day | premating & 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 |
|-------------------|-----------|--|----------------|---------|---------------------|------------------------------|
| PET | Ingestion | heart skin endocrine system bone, teeth, nails, and/or hair hematopoietic system liver immune system muscles nervous system eyes kidney and/or bladder respiratory system | Not classified | Rat | NOAEL Not available | 13 weeks |
| 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 | premating & 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

No data available.

SECTION 13: Disposal considerations

13.1. Disposal methods

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

Prior to disposal, consult all applicable authorities and regulations to insure proper classification. 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.

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. Safety, health and environmental regulations/legislation specific for the substance or mixture

Global inventory status

Contact 3M for more information. 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.

SECTION 16: Other information

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.

Health: 0 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: 0 Flammability: 1 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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3M Canada SDSs are available at www.3M.ca