



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 by the OSHA Hazard Communication Standard (29 CFR 1910.1200) 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.

Document Group: 43-4537-7
Issue Date: 09/16/24

Version Number: 2.02
Supersedes Date: 04/19/23

Product identifier

3M Scott Fire & Safety Sensor Module Assemblies with AA Alkaline Batteries & ML1220/F1A Coin Cell

ID Number(s):

78-0081-8679-9, 78-0081-8680-7, 78-0082-1673-7, 78-0082-1674-5, 78-0082-2011-9, 78-0082-2014-3, 78-0082-2540-7, UU-0122-6191-1, UU-0122-6192-9, UU-0122-6193-7, UU-0122-6194-5, UU-0122-6195-2, UU-0122-6199-4, UU-0122-6200-0, UU-0122-6201-8, UU-0122-6202-6, UU-0123-9321-9, UU-0123-9322-7, UU-0123-9323-5, UU-0123-9324-3, UU-0123-9325-0, UU-0123-9326-8, UU-0123-9327-6, UU-0123-9328-4, UU-0123-9329-2, UU-0123-9330-0, UU-0123-9331-8, UU-0123-9332-6, UU-0123-9333-4, UU-0123-9334-2, UU-0123-9335-9, UU-0123-9336-7, UU-0123-9337-5, UU-0123-9338-3, UU-0123-9339-1, UU-0123-9340-9, UU-0123-9341-7, UU-0123-9342-5, UU-0123-9343-3, UU-0123-9344-1, UU-0123-9345-8, UU-0123-9414-2, UU-0123-9415-9, UU-0123-9416-7, UU-0123-9417-5, UU-0123-9418-3, UU-0123-9419-1, UU-0123-9420-9, UU-0123-9421-7, UU-0123-9422-5, UU-0123-9423-3, UU-0123-9424-1, UU-0123-9425-8, UU-0123-9426-6, UU-0123-9427-4, UU-0123-9428-2, UU-0123-9429-0, UU-0123-9430-8, UU-0123-9431-6, UU-0123-9432-4, UU-0127-4248-0, UU-0127-4250-6, UU-0127-4261-3, XN-4005-3811-4, XN-4005-3812-2, XN-4005-3826-2, XN-4005-3827-0, XN-4005-3829-6, XN-4005-3830-4, XN-4005-3832-0, XN-4005-3834-6, XN-4005-3837-9, XN-4005-3838-7, XN-4005-3839-5, XN-4005-3841-1, XN-4005-3843-7, XN-4005-3844-5, XN-4005-3845-2, XN-4005-3846-0, XN-4005-3848-6, XN-4005-3857-7, XN-4005-3877-5, XN-4005-3882-5, XN-4005-3884-1, XN-4005-3902-1, XN-4005-3903-9, XN-4005-3904-7, XN-4005-3905-4, XN-4005-3906-2, XN-4005-3911-2, XN-4005-3967-4, XP-1001-0208-4, XP-1001-0209-2, XP-1001-0210-0, XP-1001-0211-8, XP-1001-0213-4, XP-1001-0214-2, XP-1001-0215-9, XP-1001-0216-7, XP-1001-0217-5, XP-1001-0219-1, XP-1001-1925-2, XP-1001-1926-0, XP-1001-1927-8, XP-1001-1928-6, XP-1001-1929-4, XP-1008-8069-7, XP-1008-8070-5, XP-1008-8081-2, XP-1008-8082-0, XP-1017-2410-0, XP-1017-2482-9, XP-1017-4704-4, XP-1017-5116-0, XP-1200-0171-2, XP-1200-0297-5, XP-1200-0298-3, XP-1200-0299-1, XP-1200-0316-3, XP-1200-0366-8, XP-1200-0371-8

7012471492, 7012471494, 4010606695, 7012756750, 7012471489, 4010596357, 4010606696, 7012756683, 4010606693, 7012756681, 4010591304, 7012635219, 7012635219, 7012471490, 4010606694, 7012756682, 4010596358, 7012471491, 7012471493, 4010591305, 7012635220, 7012635220, 7012472090, 7012628633, 7012628634, 4010606773, 7012756755, 4010596359, 4010591314, 7012635232, 7012635232, 4010606772, 7012756700, 4010596405, 7012679489, 7012679489, 7012472089, 4010596360, 4010591313, 7012635231, 7012635231, 4010545032, 7012756681, 7012756682, 7012756683, 7012756700, 7012756750, 7012756755, 7100293159, 7100293156, 7100293155, 7100293157, 7100293158, 7100293165, 7100293163, 7100293166, 7100293164, 7100297138, 7100297139, 7100297140, 7100297141, 7100297142, 7100297313, 7100297314, 7100297315, 7100297316, 7100297317, 7100297318, 7100297319, 7100297320, 7100297321, 7100297322, 7100297323, 7100297324, 7100297325, 7100297326, 7100297327, 7100297328, 7100297329, 7100297330, 7100297331, 7100297332, 4100068871, 4100068872, 4100068873, 4100068874, 4100068875, 4100068876, 4100068877, 4100068878, 4100068879, 4100068880, 4100068881, 4100068882, 4100068883, 4100068884, 4100068885, 4100068886, 4100068887, 4100068888, 4100068889, 7100310834, 7100310835, 7100310832, 7100358349, 7100358347, 7100358343, 7100358346,

7100358341, 7100358337, 7100358338, 7100358348, 7100358339, 7100359903, 7100359858, 7100359772, 7100355709, 7100355292, 7100355290, 7100355287, 7100355291, 7100358342, 7100359859, 7100359857, 7100359860, 7100359856, 7100358207, 7100359776, 7100358336, 7100358344, 7100359774, 7100358345

Recommended use

Electronic Assembly with Batteries

Supplier's details

MANUFACTURER: 3M
DIVISION: Personal Safety 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:

43-0014-1, 43-4429-7

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Document Group: 43-0014-1

Issue Date: 02/07/22

Version Number: 1.04

Supersedes Date: 11/24/21

SECTION 1: Identification

1.1. Product identifier

3M Scott Fire & Safety Sensor Module Assemblies with AA Alkaline Batteries - 40013975

Product Identification Numbers

LE-P100-3279-6

1.2. Recommended use and restrictions on use

Recommended use

Electronic Assembly

1.3. Supplier's details

MANUFACTURER: 3M

DIVISION: Personal Safety 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

This product is exempt from hazard classification according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	% by Wt
Battery Housing Materials	Mixture	20 - 50
MANGANESE DIOXIDE	1313-13-9	35 - 40

Zinc	7440-66-6	10 - 25
Potassium Hydroxide	1310-58-3	5 - 10
Graphite	7782-42-5	1 - 5

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:

No need for first aid is anticipated.

SECTION 5: Fire-fighting measures

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Not applicable.

6.2. Environmental precautions

Not applicable.

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

No special storage requirements.

SECTION 8: Exposure controls/personal protection

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. No engineering controls or personal protective equipment (PPE) are necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance**Physical state**

Solid

Color

Black

Specific Physical Form:

Hardgood Electronic Product with Batteries

Odor

Odorless

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 Available

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***Not Applicable***Solubility- non-water***Not Applicable***Partition coefficient: n-octanol/ water***Not Applicable***Autoignition temperature***Not Applicable***Decomposition temperature***Not Applicable***Viscosity***Not Applicable***SECTION 10: Stability and reactivity**

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

SECTION 11: Toxicological information**Inhalation:**

No health effects are expected

Skin Contact:

No health effects are expected

Eye Contact:

No health effects are expected

Ingestion:

No health effects are expected

Additional Information:

This product, when used under reasonable conditions and in accordance with the 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.

SECTION 12: Ecological information

This article is expected to present a low environmental risk either because use and disposal are unlikely to result in a significant release of components to the environment or because those components that may be released are expected to have insignificant environmental impact.

SECTION 13: Disposal considerations

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

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

Chemical Inventories

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

SECTION 16: Other information

NFPA Hazard Classification

Health: 0 **Flammability:** 0 **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: 43-0014-1

Issue Date: 02/07/22

Version Number: 1.04

Supersedes Date: 11/24/21

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Document Group: 43-4429-7
Issue Date: 07/28/23

Version Number: 1.02
Supersedes Date: 11/28/22

SECTION 1: Identification

1.1. Product identifier

3M Scott Safety Intermediates with Printed Circuit Boards (PCBs) containing Rechargeable Manganese Lithium Coin Cell ML1220F1A

Product Identification Numbers

78-0081-9646-7, 78-0082-1341-1, 78-0082-2015-0, 78-0082-2074-7, 78-0082-2075-4, 78-0082-2872-4, 78-0082-2873-2, 78-8151-2942-0, UU-0123-9412-6, UU-0123-9413-4, UU-0128-4481-5, UU-0128-4482-3, UU-0128-4483-1, UU-0128-4484-9, XP-1001-1932-8, XP-1008-4128-5
4100075360, 4100075362, 4100075361, 4100075363, 4100068870, 4100068869, 4010544993, 4010544994, 1010235590, 4010545034, 4010545036, 4010545035, 4010606774

1.2. Recommended use and restrictions on use

Recommended use

PCB with Battery

1.3. Supplier's details

MANUFACTURER: 3M
DIVISION: Personal Safety 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

This product is exempt from hazard classification according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	% by Wt
Steel	Mixture	60 - 85 Trade Secret *
Lithium manganese oxide (LiMn2O4)	12057-17-9	9 - 28 Trade Secret *
Polypropylene	9003-07-0	1 - 15 Trade Secret *
Aluminum	7429-90-5	2 - 11 Trade Secret *
Organic Electrolyte	Mixture	3 - 11 Trade Secret *
1,2-Dimethoxyethane	110-71-4	1 - 4 Trade Secret *
Lithium	7439-93-2	0.4 - 3 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:

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:

No need for first aid is anticipated.

SECTION 5: Fire-fighting measures

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Not applicable.

6.2. Environmental precautions

Not applicable.

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

No special storage requirements.

SECTION 8: Exposure controls/personal protection

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. No engineering controls or personal protective equipment (PPE) are necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state

Solid

Color

Silver

Specific Physical Form:

Battery Coin Cell

Odor

Odorless

Odor threshold

Not Applicable

pH

Not Applicable

Melting point

No Data Available

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

No Data Available

Specific Gravity

Not Applicable

Solubility In Water

Not Applicable

Solubility- non-water

Not Applicable

Partition coefficient: n-octanol/ water

No Data Available

Autoignition temperature

Not Applicable

Decomposition temperature

Not Applicable

Viscosity

Not Applicable

Volatile Organic Compounds

Not Applicable

Percent volatile

Not Applicable

VOC Less H2O & Exempt Solvents

Not Applicable

SECTION 10: Stability and reactivity

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

SECTION 11: Toxicological information

Inhalation:

No health effects are expected

Skin Contact:

No health effects are expected

Eye Contact:

No health effects are expected

Ingestion:

No health effects are expected

Additional Information:

This product, when used under reasonable conditions and in accordance with the 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.

SECTION 12: Ecological information

This article is expected to present a low environmental risk either because use and disposal are unlikely to result in a significant release of components to the environment or because those components that may be released are expected to have insignificant environmental impact.

SECTION 13: Disposal considerations

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

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

Chemical Inventories

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

SECTION 16: Other information

NFPA Hazard Classification

Health: 0 **Flammability:** 0 **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:** 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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