

Safety Data Sheet

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5.00 **Document Group:** 18-5376-1 **Version Number: Issue Date:** 12/15/14 07/02/12 **Supercedes Date:**

SECTION 1: Identification

1.1. Product identifier

3MTM Booth Coating PN 6839 6840

Product Identification Numbers

60-9801-0920-5, 60-9801-0921-3

1.2. Recommended use and restrictions on use

Recommended use

Automotive, Temporary Protective Coating

1.3. Supplier's details

MANUFACTURER:

DIVISION: Automotive Aftermarket

ADDRESS: 3M Center, St. Paul, MN 55144-1000, USA 1-888-3M HELPS (1-888-364-3577) **Telephone:**

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

Skin Sensitizer: Category 1A. Reproductive Toxicity: Category 2.

2.2. Label elements

Signal word

Warning

Symbols

Exclamation mark | Health Hazard |

Pictograms

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Hazard Statements

May cause an allergic skin reaction.

Suspected of damaging fertility or the unborn child.

Precautionary Statements

Prevention:

Obtain special instructions before use.

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

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.

IF exposed or concerned: Get medical advice/attention. Specific treatment (see Notes to Physician on this label).

Storage:

Store locked up.

Disposal:

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

2.3. Hazards not otherwise classified

None.

12% of the mixture consists of ingredients of unknown acute oral toxicity.

SECTION 3: Composition/information on ingredients

| Ingredient | C.A.S. No. | % by Wt |
|---------------------------------------|---------------|------------------------|
| Water | 7732-18-5 | 70 - 90 Trade Secret * |
| Vinyl Acetate-Vinyl Alcohol Polymer | Trade Secret* | 10 - 30 Trade Secret * |
| Glycerin | 56-81-5 | 1 - 5 Trade Secret * |
| Ethyl Alcohol | 64-17-5 | < 0.5 Trade Secret * |
| Methyl Alcohol | 67-56-1 | <= 0.1 Trade Secret * |
| 5-chloro-2methyl-4isothiazoline-3-one | 26172-55-4 | < 0.01 Trade Secret * |
| 2-methyl-4-isothiazoline-3-one | 2682-20-4 | < 0.01 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:

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, 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

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

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

Hazardous Decomposition or By-Products

SubstanceConditionHydrocarbonsDuring CombustionCarbon monoxideDuring CombustionCarbon dioxideDuring 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.

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. 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. 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

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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 water. Seal the container. Dispose of collected material as soon as possible.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid skin contact with hot material. For industrial or professional use only. 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. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. 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 in a well-ventilated place. Keep container tightly closed. Keep from freezing. Store away from acids. Store away from strong bases. 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 |
|----------------------------------|------------|--------|-----------------------------|----------------------------|
| 5-chloro-2methyl-4isothiazoline- | 26172-55-4 | CMRG | TWA:0.076 mg/m3;STEL:0.23 | Sensitizer |
| 3-one | | | mg/m3 | |
| 2-methyl-4-isothiazoline-3-one | 2682-20-4 | CMRG | TWA:1.5 mg/m3;STEL:4.5 | Sensitizer |
| | | | mg/m3 | |
| Glycerin | 56-81-5 | OSHA | TWA(as total dust):15 | |
| | | | mg/m3;TWA(respirable | |
| | | | fraction):5 mg/m3 | |
| Ethyl Alcohol | 64-17-5 | ACGIH | STEL:1000 ppm | A3: Confirmed animal |
| | | | | carcin. |
| Ethyl Alcohol | 64-17-5 | OSHA | TWA:1900 mg/m3(1000 ppm) | |
| Methyl Alcohol | 67-56-1 | ACGIH | TWA:200 ppm;STEL:250 ppm | Skin Notation |
| Methyl Alcohol | 67-56-1 | OSHA | TWA:260 mg/m3(200 ppm) | |
| Vinyl Acetate-Vinyl Alcohol | Trade | CMRG | TWA(as respirable dust):5 | |
| Polymer | Secret | | mg/m3;TWA(as total dust):10 | |
| | | | mg/m3 | |

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. Provide appropriate local exhaust ventilation on open containers.

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:

Safety Glasses with side shields

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.

Gloves made from the following material(s) are recommended: Butyl Rubber

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.

Thermal hazards

Wear heat insulating gloves when handling hot material to prevent thermal burns.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

General Physical Form:

Odor, Color, Grade: Slight solvent odor clear liquid

Odor threshold No Data Available

pΗ

Melting point Not Applicable **Boiling Point** 212 °F

Flash Point > 200

Evaporation rate No Data Available Not Applicable Flammability (solid, gas) Flammable Limits(LEL) No Data Available Flammable Limits(UEL) No Data Available

Vapor Pressure 18 mmHg

1.2 [*Ref Std:* AIR=1] **Vapor Density**

Density 1.02 g/ml

1.02 [*Ref Std:* WATER=1] **Specific Gravity**

Solubility in Water Complete

Solubility- non-water No Data Available Partition coefficient: n-octanol/ water No Data Available No Data Available **Autoignition temperature Decomposition temperature** No Data Available Viscosity 50 - 60 centipoise

Hazardous Air Pollutants 0.01 lb HAPS/lb solids [Test Method: Calculated] **Volatile Organic Compounds** 0.5 % weight [Test Method: calculated per CARB title 2] **Volatile Organic Compounds** 5 g/l [Test Method: calculated SCAQMD rule 443.1]

Percent volatile VOC Less H2O & Exempt Solvents 86.6 % weight

41 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 bases Strong oxidizing agents Strong acids

10.6. Hazardous decomposition products

Substance

Condition

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:

Vapors from heated material may cause irritation of the respiratory system. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Sprayed material may cause irritation of the respiratory system. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

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:

Vapors from heated material may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Sprayed material may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Ingestion:

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

Additional Health Effects:

Reproductive/Developmental Toxicity:

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

Carcinogenicity:

| Ingredient | CAS No. | Class Description | Regulation |
|------------------------------|---------|--------------------------------|---|
| Generic: ALCOHOLIC BEVERAGES | 64-17-5 | Grp. 1: Carcinogenic to humans | International Agency for Research on Cancer |
| Generic: ALCOHOLIC BEVERAGES | 64-17-5 | Known human carcinogen | National Toxicology Program Carcinogens |

Additional Information:

This product contains ethanol. Alcoholic beverages and ethanol in alcoholic beverages have been classified by the International Agency for Research on Cancer as carcinogenic to humans. There are also data associating human consumption of alcoholic beverages with developmental toxicity and liver toxicity. Exposure to ethanol during the foreseeable use of this product is not expected to cause cancer, developmental toxicity, or liver toxicity.

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 |
| Glycerin | Dermal | Rabbit | LD50 estimated to be > 5,000 mg/kg |
| Glycerin | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Ethyl Alcohol | Dermal | Rabbit | LD50 > 15,800 mg/kg |
| Ethyl Alcohol | Inhalation- | Rat | LC50 124.7 mg/l |
| | Vapor (4 | | |
| | hours) | | |
| Ethyl Alcohol | Ingestion | Rat | LD50 17,800 mg/kg |
| Methyl Alcohol | Dermal | | LD50 estimated to be 1,000 - 2,000 mg/kg |
| Methyl Alcohol | Inhalation- | | LC50 estimated to be 10 - 20 mg/l |
| | Vapor | | |
| Methyl Alcohol | Ingestion | | LD50 estimated to be 50 - 300 mg/kg |
| 5-chloro-2methyl-4isothiazoline-3-one | Dermal | Rabbit | LD50 87 mg/kg |
| 5-chloro-2methyl-4isothiazoline-3-one | Inhalation- | Rat | LC50 0.33 mg/l |
| | Dust/Mist | | |
| | (4 hours) | | |
| 5-chloro-2methyl-4isothiazoline-3-one | Ingestion | Rat | LD50 40 mg/kg |
| 2-methyl-4-isothiazoline-3-one | Dermal | Rabbit | LD50 87 mg/kg |
| 2-methyl-4-isothiazoline-3-one | Inhalation- | Rat | LC50 0.33 mg/l |
| | Dust/Mist | | |
| | (4 hours) | | |
| 2-methyl-4-isothiazoline-3-one | Ingestion | Rat | LD50 40 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

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

| Glycerin | Rabbit | No significant irritation |
|---------------------------------------|--------|---------------------------|
| Ethyl Alcohol | Rabbit | No significant irritation |
| Methyl Alcohol | Rabbit | Mild irritant |
| 5-chloro-2methyl-4isothiazoline-3-one | Rabbit | Corrosive |
| 2-methyl-4-isothiazoline-3-one | Rabbit | Corrosive |

Serious Eye Damage/Irritation

| Name | Species | Value |
|---------------------------------------|---------|---------------------------|
| | | |
| Glycerin | Rabbit | No significant irritation |
| Ethyl Alcohol | Rabbit | Moderate irritant |
| Methyl Alcohol | Rabbit | Moderate irritant |
| 5-chloro-2methyl-4isothiazoline-3-one | Rabbit | Corrosive |
| 2-methyl-4-isothiazoline-3-one | Rabbit | Corrosive |

Skin Sensitization

| Name | Species | Value |
|---------------------------------------|---------|--|
| Glycerin | Guinea | Not sensitizing |
| | pig | |
| Ethyl Alcohol | Human | Some positive data exist, but the data are not |
| | | sufficient for classification |
| Methyl Alcohol | Guinea | Not sensitizing |
| | pig | |
| 5-chloro-2methyl-4isothiazoline-3-one | Human | Sensitizing |
| | and | |
| | animal | |
| 2-methyl-4-isothiazoline-3-one | Human | Sensitizing |
| | and | |
| | animal | |

Photosensitization

| Name | Species | Value |
|---------------------------------------|---------|-----------------|
| 5-chloro-2methyl-4isothiazoline-3-one | Human | Not sensitizing |
| | and | |
| | animal | |
| 2-methyl-4-isothiazoline-3-one | Human | Not sensitizing |
| | and | |
| | animal | |

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 |
|---------------------------------------|----------|--|
| Ethyl Alcohol | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Ethyl Alcohol | In vivo | Some positive data exist, but the data are not sufficient for classification |
| Methyl Alcohol | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Methyl Alcohol | In vivo | Some positive data exist, but the data are not sufficient for classification |
| 5-chloro-2methyl-4isothiazoline-3-one | In vivo | Not mutagenic |
| 5-chloro-2methyl-4isothiazoline-3-one | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| 2-methyl-4-isothiazoline-3-one | In vivo | Not mutagenic |
| 2-methyl-4-isothiazoline-3-one | In Vitro | Some positive data exist, but the data are not sufficient for classification |

Carcinogenicity

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

| Glycerin | Ingestion | Mouse | Some positive data exist, but the data are not sufficient for classification |
|---------------------------------------|------------|-------------------------------|--|
| Ethyl Alcohol | Ingestion | Multiple animal species | Some positive data exist, but the data are not sufficient for classification |
| Methyl Alcohol | Inhalation | Multiple animal species | Not carcinogenic |
| 5-chloro-2methyl-4isothiazoline-3-one | Dermal | Mouse | Not carcinogenic |
| 5-chloro-2methyl-4isothiazoline-3-one | Ingestion | Rat | Not carcinogenic |
| 2-methyl-4-isothiazoline-3-one | Dermal | Mouse | Not carcinogenic |
| 2-methyl-4-isothiazoline-3-one | Ingestion | Rat | Not carcinogenic |

Reproductive Toxicity

Reproductive and/or Developmental Effects

| Name | Route | Value | Species | Test Result | Exposure Duration |
|---------------------------------------|------------|--|---------|-----------------------------|------------------------------|
| Glycerin | Ingestion | Not toxic to female reproduction | Rat | NOAEL 2,000 mg/kg/day | 2 generation |
| Glycerin | Ingestion | Not toxic to male reproduction | Rat | NOAEL 2,000 mg/kg/day | 2 generation |
| Glycerin | Ingestion | Not toxic to development | Rat | NOAEL 2,000 mg/kg/day | 2 generation |
| Ethyl Alcohol | Inhalation | Not toxic to development | Rat | NOAEL 38 mg/l | during gestation |
| Ethyl Alcohol | Ingestion | Some positive developmental data exist, but the data are not sufficient for classification | Rat | NOAEL 5,200 mg/kg/day | premating & during gestation |
| Methyl Alcohol | Ingestion | Some positive male reproductive data exist, but the data are not sufficient for classification | Rat | NOAEL 1,600 mg/kg/day | 21 days |
| Methyl Alcohol | Ingestion | Toxic to development | Mouse | LOAEL 4,000 mg/kg/day | during organogenesi s |
| Methyl Alcohol | Inhalation | Toxic to development | Mouse | NOAEL 1.3 mg/l | during organogenesi s |
| 5-chloro-2methyl-4isothiazoline-3-one | Ingestion | Not toxic to female reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| 5-chloro-2methyl-4isothiazoline-3-one | Ingestion | Not toxic to male reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| 5-chloro-2methyl-4isothiazoline-3-one | Ingestion | Not toxic to development | Rat | NOAEL 15 mg/kg/day | during organogenesi s |
| 2-methyl-4-isothiazoline-3-one | Ingestion | Not toxic to female reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| 2-methyl-4-isothiazoline-3-one | Ingestion | Not toxic to male reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| 2-methyl-4-isothiazoline-3-one | Ingestion | Not toxic to development | Rat | NOAEL 15 mg/kg/day | during organogenesi s |

Target Organ(s)

Specific Target Organ Toxicity - single exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|---------------|------------|--------------------------------------|--|---------|-------------------|----------------------|
| Ethyl Alcohol | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Human | LOAEL 2.6 mg/l | 30 minutes |
| Ethyl Alcohol | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | Human | LOAEL 9.4 mg/l | not available |

| Ethyl Alcohol | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Multiple animal species | NOAEL not available | |
|---|------------|--------------------------------------|--|-------------------------------|------------------------|---------------------------|
| Ethyl Alcohol | Ingestion | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Dog | NOAEL 3,000 mg/kg | |
| Methyl Alcohol | Inhalation | blindness | Causes damage to organs | Human | NOAEL Not available | occupational exposure |
| Methyl Alcohol | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Human | NOAEL Not available | not available |
| Methyl Alcohol | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL Not available | 6 hours |
| Methyl Alcohol | Ingestion | blindness | Causes damage to organs | Human | NOAEL Not available | poisoning and/or abuse |
| Methyl Alcohol | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Human | NOAEL Not available | poisoning and/or abuse |
| 5-chloro-2methyl- 4isothiazoline-3-one | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available | |
| 2-methyl-4-isothiazoline-3-one | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|----------------|------------|---|--|---------|------------------------------|----------------------|
| Glycerin | Inhalation | respiratory system | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 3.91 mg/l | 14 days |
| Glycerin | Inhalation | heart liver kidney and/or bladder | All data are negative | Rat | NOAEL 3.91 mg/l | 14 days |
| Glycerin | Ingestion | endocrine system hematopoietic system liver kidney and/or bladder | All data are negative | Rat | NOAEL 10,000 mg/kg/day | 2 years |
| Ethyl Alcohol | Inhalation | liver | Some positive data exist, but the data are not sufficient for classification | Rabbit | LOAEL 124 mg/l | 365 days |
| Ethyl Alcohol | Inhalation | hematopoietic system immune system | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 25 mg/l | 14 days |
| Ethyl Alcohol | Ingestion | liver | Some positive data exist, but the data are not sufficient for classification | Rat | LOAEL 8,000 mg/kg/day | 4 months |
| Ethyl Alcohol | Ingestion | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Dog | NOAEL 3,000 mg/kg/day | 7 days |
| Methyl Alcohol | Inhalation | liver | All data are negative | Rat | NOAEL 6.55 mg/l | 4 weeks |
| Methyl Alcohol | Inhalation | respiratory system | All data are negative | Rat | NOAEL 13.1 mg/l | 6 weeks |
| Methyl Alcohol | Ingestion | liver nervous system | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 2,500 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.

Incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. 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.

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

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: 1 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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 Version Number:
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 Supercedes Date:
 07/02/12

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