

3M Canada Company  
1840 Oxford Street East, Post Office Box 5757  
London, Ontario N6A 4T1  
Medical Emergency Telephone: (519) 451-2500, Ext. 2222  
Transportation Emergency Telephone (CANUTEC): (613) 996-6666

---

---

Material Safety Data Sheet

---

---

Document id : 10-2980-0 Issue date : 2013/06/12  
Version : 9.00 Supersedes date : 2010/06/29

Copyright, 1997, 3M Canada Company. All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

Prepared by: Corporate Regulatory Services, 3M Canada Company  
Telephone: (800) 364-3577, Fax: (800) 603-7758, Web Site: [www.3M.ca](http://www.3M.ca)

---

## 1 Chemical Product and Company Identification

---

Tradename:

3M(TM) FASTBOND(TM) CONTACT ADHESIVE 30-NF NEUTRAL

Product ID:

CS-0406-7129-2 62-4274-5520-9 62-4274-5535-7 62-4274-5538-1  
62-4274-6530-7 62-4274-6535-6 62-4274-7530-6 62-4274-7535-5  
62-4274-8530-5 62-4274-8535-4 62-4274-9530-4 62-4274-9531-2  
62-4274-9535-3 62-4274-9538-7 62-4274-9930-6 62-4274-9932-2  
62-4274-9935-5

Intended Use of Product:

Waterbased contact adhesive

Industrial use;

Division:

INDUSTRIAL ADHESIVES AND TAPES

---

## 2 Hazards Identification

---

Critical Hazards:

Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Moderate Skin Irritation: Signs/symptoms can include localized

redness, swelling, itching, and dryness.

Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

Allergic Respiratory Reaction: Signs/symptoms can include difficulty breathing, wheezing, cough, and tightness of chest.

May be absorbed through skin and cause target organ effects.

May be absorbed following inhalation and cause target organ effects.

May be absorbed following ingestion and cause target organ effects.

TOLUENE (108-88-3): can cause birth defects or other reproductive harm.

METHYL ALCOHOL (67-56-1): can cause birth defects or other reproductive harm.

An ingredient in this product, present at  $\geq 1\%$ , is included in Packing Group III of Division 1 of Class 6 in Part III of the Transportation of Dangerous Goods Regulations.

See Sections 7 and 11 for further information.

---

### 3 Composition/Information on Ingredients

---

Ingredient Name	CAS Number	Percentage
WATER	7732-18-5	30 - 60
POLYCHLOROPRENE	9010-98-4	30 - 50
GLYCEROL ESTERS OF ROSIN ACIDS	8050-31-5	5 - 10
ROSIN, POLYMER WITH PHENOL	68083-03-4	3 - 7
TOLUENE	108-88-3	1 - 5
METHYL ALCOHOL	67-56-1	1 - 5
ZINC OXIDE	1314-13-2	1 - 5
ROSIN	8050-09-7	0.1 - 1.0
2,2'-METHYLENEBIS [6-TERT-BUTYL-P-CRESOL]	119-47-1	0.1 - 1.0
POTASSIUM HYDROXIDE	1310-58-3	0.1 - 0.5

#### NOTE:

Each percentage is expressed as the ratio of the weight of the ingredient to the weight of the controlled product.

---

### 4 First Aid Measures

---

#### Instructions for Eye Contact:

Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

#### Instructions for Skin Contact:

Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water for at least 20 minutes or until chemical is

removed. Get medical attention. Wash contaminated clothing and clean shoes before reuse.

Instructions for Inhalation:

Remove person to fresh air. If signs/symptoms develop, get medical attention.

Instructions for Ingestion:

Do not induce vomiting unless instructed to do so by medical personnel. Get medical attention.

---

## 5 Fire Fighting Measures

---

Flash point:  $\geq 148.9$  C PENSKEY MARTEN CC

Lower Explosive Limit (%): Not applicable

Upper Explosive Limit (%): Not applicable

Autoignition temperature: Not Available

Suitable Extinguishing Media:

Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

Exposure Hazards during Fire:

No unusual fire or explosion hazards are anticipated.

Combustion Products from Fire:

Formaldehyde - During Combustion;

Carbon monoxide - During Combustion;

Carbon dioxide - During Combustion;

Unusual Fire and Explosion Hazards

None known.

Fire Fighting Procedures:

Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA). Water may be used to blanket the fire.

NFPA: Health 2

NFPA: Fire 0

NFPA: Reactivity 0

NFPA: Unusual Reaction Hazard

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.

---

## 6 Accidental Release Measures

---

#### Personal Precautions:

Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. 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. Cover, but do not seal for 48 hours.

#### Environmental Procedures

For larger spills, cover drains and build dikes to prevent entry

into sewer systems or bodies of water. Collect the resulting residue containing solution. Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

#### Methods for cleaning up

Observe precautions from other sections. Call 3M- HELPS line (1-800-364-3577) for more information on handling and managing the spill. 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. Collect as much of the spilled material as possible. Clean up residue with detergent and water.

#### Spill Response:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Call 3M-HELPS line (1-800-364-3577) for more information on handling and managing the spill.

---

### 7 Handling and Storage

---

#### Storage Requirements:

Store away from areas where product may come into contact with food or pharmaceuticals.

#### Incompatible Materials:

Store away from heat;

Store out of direct sunlight.

Sparks and/or Flames;

Store away from acids;

Store away from oxidizing agents.

#### Ventilation:

Keep container in well-ventilated area.

#### Use Instructions:

Contents may be under pressure, open carefully. Keep container tightly closed. Avoid contact with oxidizing agents. Keep out of

the reach of children.

---

## 8 Exposure Controls/Personal Protection

---

### Personal Protection

---

#### Eye Protection:

Avoid eye contact with vapours, mists, or spray.

The following should be worn alone or in combination, as appropriate, to prevent eye contact:

Safety glasses with side shields

Indirect vented goggles;

3M(TM) FASTBOND(TM) CONTACT ADHESIVE 30-NF NEUTRAL Page 5 of 11

---

#### Hand Protection:

Wear appropriate gloves when handling this material.

The following glove material(s) are recommended:

nitrile rubber;

polyethylene/ethylene vinyl alcohol;

#### Skin Protection:

Avoid skin contact.

Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials.

#### Respiratory Protection:

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

Avoid breathing of vapours, mists or spray.

Do not breathe vapours.

Select one of the following approved respirators based on airborne concentration of contaminants and in accordance with regulations:

Half facepiece or fullface air-purifying respirator with organic vapour cartridges.

#### Ingestion (Prevention):

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

#### Recommended Ventilation:

Use with appropriate local exhaust ventilation.

Provide appropriate local exhaust ventilation on open containers.

Use in an enclosed process area is recommended.

Use with functioning spray booth or local exhaust.

If exhaust ventilation is not available, use appropriate respiratory protection.

Do not use in a confined area or areas with little or no air movement.

Use general dilution ventilation and/or local exhaust ventilation

to control airborne exposures to below Occupational Exposure Limits and/or control mist, vapour, or spray. If ventilation is not adequate, use respiratory protection equipment.

#### Ingredient Exposure Data

-----

##### WATER (7732-18-5)

LD50 (rat, oral) > 90 ml/kg  
LC50 (rat, inhalation/4 hours) No data available.  
Exposure Limits  
No data available.

##### POLYCHLOROPRENE (9010-98-4)

LD50 (rat, oral) > 40 g/kg  
LC50 (rat, inhalation/4 hours) No data available.  
Exposure Limits  
No data available.

3M(TM) FASTBOND(TM) CONTACT ADHESIVE 30-NF NEUTRAL Page 6 of 11

-----

##### GLYCEROL ESTERS OF ROSIN ACIDS (8050-31-5)

Specific Ingredient Data  
No data available.  
LD50 (rat, oral) No data available.  
LC50 (rat, inhalation/4 hours) No data available.  
Exposure Limits  
No data available.

##### ROSIN, POLYMER WITH PHENOL (68083-03-4)

Specific Ingredient Data  
No data available.  
LD50 (rat, oral) No data available.  
LC50 (rat, inhalation/4 hours) No data available.  
Exposure Limits  
No data available.

##### TOLUENE (108-88-3)

LD50 (rat, oral) 636 mg/kg  
LD50 (dermal, rabbit) 14100 uL/kg  
LC50 (rat, inhalation/4 hours) LC50 (female rat,  
inhalation/4 hours vapour):  
19.0 mg/l

Exposure Limits  
ACGIH: TWA 20 ppm (Table A4)  
CMRG: STEL 75 ppm (Skin contact contributes to exposure)

##### METHYL ALCOHOL (67-56-1)

LD50 (rat, oral) 5600 mg/kg  
LD50 (dermal, rabbit) 15800 mg/kg  
LC50 (rat, inhalation/4 hours) 64000 ppm

Exposure Limits

ACGIH-TWA: 200 ppm (skin contact contributes to exposure)  
ACGIH: STEL 250 ppm (skin contact contributes to exposure) 250  
ppm ACGIH: STEL; skin contact contributes to exposure 200 ppm  
ACGIH: TWA; skin contact contributes to exposure

ZINC OXIDE (1314-13-2)

Specific Ingredient Data

No data available.

LD50 (rat, oral) No data available.

LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

ACGIH: TWA 2 mg/m3 (Respirable)

ACGIH: STEL 10 mg/m3 (Respirable) 10 mg/m3 ACGIH: STEL;  
respirable fraction 2 mg/m3 ACGIH: TWA; respirable fraction

ROSIN (8050-09-7)

LD50 (rat, oral) 7600 mg/kg

LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

ACGIH: TWA 0 ppm Sensitizer;

2,2'-METHYLENEBIS [6-TERT-BUTYL-P-CRESOL] (119-47-1)

LD50 (rat, oral) 4880 mg/kg

LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

No data available.

POTASSIUM HYDROXIDE (1310-58-3)

LD50 (rat, oral) 273 mg/kg

LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

ACGIH: CEIL 2 mg/m3 2 mg/m3 ACGIH: CEIL

---

9 Physical and Chemical Properties

---

Physical form,Color,Odour: Liquid; White; slight ammonia  
odour;

Odour Threshold: No data available.

pH: 10 - 11

Boiling point/boiling range: >= 64 C

Melting point/melting range: Not applicable

Vapour pressure: <= 38 mmHg at 20 C

Water Solubility: Complete

Partition coefficient (K o/w): Not Available

Specific gravity: 1.1 Water=1

Vapour density: 1.1 Air=1

Volatile organic compounds: 37 gms/liter Calculated  
per SCAQMD Rule 443.1

Evaporation rate: 1 Ether=1

Viscosity: 200 - 750 centipoise at 23 C

Percent Volatile: 45 - 55 % by weight

---

## 10 Stability and Reactivity

---

### Conditions to Avoid:

- Store away from heat;
- Store out of direct sunlight.
- Sparks and/or Flames;

### Materials to Avoid:

- Strong acids;
- Strong oxidizing agents;

### Hazardous Decomposition:

- Formaldehyde - During Combustion;
- Carbon monoxide - During Combustion;
- Carbon dioxide - During Combustion;

### Stability and Reactivity:

Stable. Hazardous polymerization will not occur.

3M(TM) FASTBOND(TM) CONTACT ADHESIVE 30-NF NEUTRAL Page 8 of 11

---

---

## 11 Toxicological Information

---

### Effects from Eye Contact:

Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Prolonged or repeated exposure may cause: Ocular Effects:

Signs/symptoms may include blurred or significantly impaired vision.

### Effects from Skin Contact:

Moderate Skin Irritation: Signs/symptoms can include localized redness, swelling, itching, and dryness.

Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

May be absorbed through skin and cause target organ effects.

### Effects from Inhalation:

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Allergic Respiratory Reaction: Signs/symptoms can include difficulty breathing, wheezing, cough, and tightness of chest.

May be absorbed following inhalation and cause target organ effects.

Prolonged or repeated exposure may cause: Respiratory Effects:

Signs/symptoms may include cough, shortness of breath, chest tightness, wheezing, increased heart rate, bluish colored skin (cyanosis), sputum production, changes in lung function tests, and/or respiratory failure.

### Effects from Ingestion:



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

May be absorbed following ingestion and cause target organ effects.

Sensitization Information:

Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

Allergic Respiratory Reaction: Signs/symptoms can include difficulty breathing, wheezing, cough, and tightness of chest.

Carcinogenicity:

No data available.

Mutagenicity:

No data available.

Reproductive Effects:

TOLUENE (108-88-3): can cause birth defects or other reproductive harm.

METHYL ALCOHOL (67-56-1): can cause birth defects or other reproductive harm.

Component Based Information:

An ingredient in this product, present at  $\geq 1\%$ , is included in Packing Group III of Division 1 of Class 6 in Part III of the Transportation of Dangerous Goods Regulations.

Product Based Information:

No data available.

Other Effects & Information:

May cause blindness.

Prolonged or repeated exposure may cause:

Auditory Effects: Signs/symptoms may include hearing impairment, balance dysfunction and ringing in the ears.

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

Olfactory Effects: Signs/symptoms may include decreased ability to detect odors and/or complete loss of smell.

Neurological Effects: Signs/symptoms may include personality changes, lack of coordination, sensory loss, tingling or numbness of the extremities, weakness, tremors, and/or changes in blood pressure and heart rate.

---

## 12 Ecological Information

---

Environmental Data:

Ecotoxicity Data:

Not determined.

Ecofate Data:

Not determined.

---

## 13 Disposal Considerations

---

**Product as Sold:**

No data available.

**Product Packaging:**

No data available.

**Special Instructions:**

Since regulations vary, consult applicable regulations or authorities before disposal.

---

## 14 Transport Information

---

### Transportation of Dangerous Goods

---

**TDG Classification:** Non-Regulated Material

**Special Information::** Contact 3M for more information.

These transportation classifications are provided as a customer service. As the shipper YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. 3M's transportation classifications are based on product formulation, packaging, 3M policies and 3M's understanding of applicable current regulations.

3M(TM) FASTBOND(TM) CONTACT ADHESIVE 30-NF NEUTRAL Page 10 of 11

---

3M does not guarantee the accuracy of this classification information. This information applies only to transportation classification and not the packaging, labeling, or marking requirements. The original 3M package is certified for Canadian ground shipment only. If you are shipping by air or ocean, the package may not meet applicable regulatory requirements.

---

## 15 Regulatory Information

---

**WHMIS Classification:** D1B, D2A, D2B

CS-0406-7129-2

Exempt (Consumer Product)

**NOTE:**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**Product Certifications:**

The product on this MSDS, or all its components, is included on the following countries' chemical inventories, as noted:

AICS - Australian Inventory of Chemical Substances

EINECS - European Inventory of Existing Commercial Chemical Substances

TSCA - Toxic Substances Control Act (USA)

DSL - Domestic Substances List (Canada)

---

## 16 Other Information

---

### Reason for Reissue:

The following Sections and topics have been updated or revised:

Section 4 - First Aid Measures;

Section 5 - Fire Fighting Measures

Section 7 - Handling and Storage;

Section 8 - Exposure Controls/Personal Protection;

Section 11 - Toxicological Information;

Section 13 - Disposal Considerations;

The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. 3M MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a 3M product, some of which are uniquely within

3M(TM) FASTBOND(TM) CONTACT ADHESIVE 30-NF NEUTRAL Page 11 of 11

---

the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

---End---