

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 : 16-3651-3 Issue date : 2014/10/16  
 Version : 11.00 Supersedes date : 2014/10/15

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

-----  
 1 Chemical Product and Company Identification  
 -----

Tradename:

3M(TM) UNDERSEAL(TM) RUBBERIZED UNDERCOATING - BLACK, P.N. 08883

Product ID:

CJ-0003-4938-6 CJ-0003-4939-4 CS-0406-7094-8 60-9800-4446-9  
 60-9800-4494-9

Intended Use of Product:

Aerosol rubberized undercoating used to coat, protect, or sound deaden door skins and quarter panels.

Division:

AUTOMOTIVE AFTERMARKET

-----  
 2 Hazards Identification  
 -----

Critical Hazards:

Aerosol container contains flammable gas under pressure.  
 Extremely flammable liquid and vapour.  
 Mild Eye Irritation: Signs/symptoms may include redness, pain, and tearing.  
 Moderate Skin Irritation: Signs/symptoms can include localized redness, swelling, itching, and dryness.  
 May be absorbed following inhalation and cause target organ effects.  
 May be absorbed following ingestion and cause target organ effects.  
 Cardiac Sensitization: Signs/symptoms may include irregular

heartbeat (arrhythmia), faintness, chest pain, and may be fatal.

3M(TM) UNDERSEAL(TM) RUBBERIZED UNDERCOATING -  
BLACK, P.N. 08883

Page 2 of 12

-----  
Genotoxicity and Mutagenicity: May interact with genetic material and possibly alter gene expression.

WARNING: Contains a chemical which can cause cancer (1333-86-4) (IARC possible human carcinogen 2B)

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

TALC (14807-96-6) has been shown to cause fibrosis of the lungs.

See Sections 7 and 11 for further information.

-----  
3 Composition/Information on Ingredients  
-----

Ingredient Name	CAS Number	Percentage
HYDROTREATED LIGHT NAPHTHA (PETROLEUM)	64742-49-0	15 - 40
TALC	14807-96-6	10 - 30
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC	64742-89-8	5 - 10
PROPANE	74-98-6	7 - 13
ASPHALT	8052-42-4	5 - 10
ALPHA-METHYLSTYRENE-ISOAMYLENE-PIPERYLENE POLYMER	62258-49-5	5 - 10
TOLUENE	108-88-3	3 - 7
DIMETHYL ETHER	115-10-6	1 - 5
BUTADIENE-STYRENE-META-DIVINYLBENZENE POLYMER	26471-45-4	1 - 5
SYNTHETIC AMORPHOUS SILICA, FUMED, CRYSTALLINE FREE	112945-52-5	0.5 - 1.5
CARBON BLACK	1333-86-4	0.1 - 1.0

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

3M(TM) UNDERSEAL(TM) RUBBERIZED UNDERCOATING -  
BLACK, P.N. 08883

Page 3 of 12

clean shoes before reuse.

Instructions for Inhalation:

Remove person to fresh air. Get immediate 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: -46 C CC  
Lower Explosive Limit (%): 1 %  
Upper Explosive Limit (%): 9.5 %  
Autoignition temperature: > 221 C (Heptane)

Suitable Extinguishing Media:

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

Exposure Hazards during Fire:

Closed containers exposed to heat from fire may build pressure and explode. Vapours may travel long distances along the ground or floor to an ignition source and flash back.

Combustion Products from Fire:

Carbon monoxide - During Combustion;  
Carbon dioxide - During Combustion;  
Hydrogen Sulfide - During Combustion;  
Oxides of Sulfur - During Combustion;  
Toxic Vapour, Gas, Particulate - 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 not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture.

NFPA: Health 2

NFPA: Fire 4

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.

## Special Instructions:

Aerosol container contains flammable material under pressure.

3M(TM) UNDERSEAL(TM) RUBBERIZED UNDERCOATING -  
BLACK, P.N. 08883

Page 4 of 12

-----  
-----  
6 Accidental Release Measures  
-----

## Personal Precautions:

No data available.

## Environmental Procedures

No data available.

## Methods for cleaning up

No data available.

## Spill Response:

Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Use only non-sparking tools. 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. Contain spill. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water. Avoid contact with incompatible materials listed in the Reactivity Data Section. Cover spill area with a fire-extinguishing foam. An aqueous film forming foam (AFFF) is recommended. 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 toxic, corrosivity or flammability hazard. Collect as much of the spilled material as possible using non-sparking tools. 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 MSDS. Collect the resulting residue containing solution. Place in a metal container approved for transportation by appropriate authorities. Seal the container. Dispose of collected material as soon as possible.

-----  
-----  
7 Handling and Storage  
-----

## Storage Requirements:

Do not store containers on their sides. 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.

Store away from acids;  
Store away from oxidizing agents.

3M(TM) UNDERSEAL(TM) RUBBERIZED UNDERCOATING -  
BLACK, P.N. 08883

Page 5 of 12

-----  
Sparks and/or Flames;

Ventilation:

Keep container in well-ventilated area.

Fire Prevention:

Aerosol container contains flammable gas under pressure. Extremely flammable liquid and vapour. Do not spray near flames or sources of ignition. Ground containers securely when transferring contents. Wear low static or properly grounded shoes.

Explosion Prevention:

Keep away from heat, sparks, open flame, pilot lights and other sources of ignition.

Static Prevention:

Avoid static discharge.

Use Instructions:

For industrial or professional use only. Keep container tightly closed. Avoid contact with oxidizing agents. Do not pierce or burn container, even after use.

-----  
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;

Hand Protection:

Wear appropriate gloves when handling this material. The following glove material(s) are recommended:  
fluoroelastomer  
neoprene;  
nitrile rubber;  
polyvinyl 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:

Avoid breathing of vapours, mists or spray. 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 vapor cartridges and P95 particulate prefilters

3M(TM) UNDERSEAL(TM) RUBBERIZED UNDERCOATING - Page 6 of 12  
BLACK, P.N. 08883

-----  
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.  
Do not use in a confined area or areas with little or no air movement.  
Do not remain in area where available oxygen may be reduced.  
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  
-----

HYDROTREATED LIGHT NAPHTHA (PETROLEUM) (64742-49-0)

Specific Ingredient Data

No data available.

LD50 (rat, oral) No data available.

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

Exposure Limits

CMRG: TWA 50 ppm

TALC (14807-96-6)

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 fraction)

CMRG: TWA 0.5 mg/m3 (as respirable dust)

SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC (64742-89-8)

Specific Ingredient Data

No data available.

LD50 (rat, oral) No data available.

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

Exposure Limits

CMRG: TWA 300 ppm 11-0000-2129-2 300 ppm CMRG: TWA

PROPANE (74-98-6)

Specific Ingredient Data

No data available.

LD50 (rat, oral) No data available.

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

Exposure Limits

ACGIH: TWA 1000 ppm

ASPHALT (8052-42-4)

LD50 (rat, oral)

No data available.

3M(TM) UNDERSEAL(TM) RUBBERIZED UNDERCOATING -  
BLACK, P.N. 08883

Page 7 of 12

LC50 (rat, inhalation/4 hours)

No data available.

Exposure Limits

ACGIH: TWA 0.5 mg/m<sup>3</sup> as fume; (Table A4)

0.5 mg/m<sup>3</sup> ACGIH: TWA; as benzene solubles, inhalable fraction

0.5 mg/m<sup>3</sup> ACGIH: TWA; as benzene solubles, inhalable fraction;

Category: Asphalt

ALPHA-METHYLSTYRENE-ISOAMYLENE-PIPERYLENE POLYMER (62258-49-5)

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.

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

CMRG: STEL 75 ppm (skin contact contributes to exposure)

DIMETHYL ETHER (115-10-6)

Specific Ingredient Data

LC50 (rat, gas, 4 hours) 164,000 ppm

LD50 (rat, oral)

No data available.

LC50 (rat, inhalation/4 hours)

No data available.

Exposure Limits

AIHA: TWA 1000 ppm

AIHA: TWA 1880 mg/m<sup>3</sup>

CMRG: TWA 1000 ppm

BUTADIENE-STYRENE-META-DIVINYLBENZENE POLYMER (26471-45-4)

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.

SYNTHETIC AMORPHOUS SILICA, FUMED, CRYSTALLINE FREE (112945-52-5)

LD50 (rat, oral)

3160 mg/kg

LC50 (rat, inhalation/4 hours)

No data available.

Exposure Limits

No data available.

CARBON BLACK (1333-86-4)

LD50 (rat, oral)

> 15400 mg/kg

LD50 (dermal, rabbit)

> 3 g/kg

LC50 (rat, inhalation/4 hours)

6750 mg/m<sup>3</sup>

## Exposure Limits

ACGIH: TWA 3.0 mg/m3 (Table A3)

3M(TM) UNDERSEAL(TM) RUBBERIZED UNDERCOATING -  
 BLACK, P.N. 08883

Page 8 of 12

-----  
 CMRG: TWA 0.5 mg/m3  
 -----

-----  
 9 Physical and Chemical Properties  
 -----

Physical form,Color,Odour:	Liquid in aerosol container; Black; solvent odour;
Odour Threshold:	No data available.
pH:	Not applicable
Boiling point/boiling range:	Compressed Gas;
Melting point/melting range:	Not applicable
Vapour pressure:	98 mmHg at 20 C
Water Solubility:	Negligible
Specific gravity:	0.85 Water=1
Vapour density:	> 3 Air=1
Volatile organic compounds:	4.03 lb/gal SCAQ443 Calculated per SCAQMD Rule 443.1
Evaporation rate:	Not Available
Viscosity:	Not Available
Percent Volatile:	56.6 %

-----  
 10 Stability and Reactivity  
 -----

Conditions to Avoid:  
 Heat;  
 Store out of direct sunlight.

Materials to Avoid:  
 Store away from acids;  
 Store away from oxidizing agents.  
 Sparks and/or Flames;

Hazardous Decomposition:  
 Carbon monoxide - During Combustion;  
 Carbon dioxide - During Combustion;  
 Hydrogen Sulfide - During Combustion;  
 Oxides of Sulfur - During Combustion;  
 Toxic Vapour, Gas, Particulate - During Combustion;

Stability and Reactivity:  
 Stable. Hazardous polymerization will not occur.

3M(TM) UNDERSEAL(TM) RUBBERIZED UNDERCOATING -  
 BLACK, P.N. 08883

Page 9 of 12

---

---

## 11 Toxicological Information

---

---

### Effects from Eye Contact:

Mild Eye Irritation: Signs/symptoms may include redness, pain, and tearing. 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. Prolonged or repeated exposure may cause: Dermal Effects: Signs/symptoms may include redness, itching, acne, or bumps on the skin.

### Effects from Inhalation:

Intentional concentration and inhalation may be harmful or fatal. Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. 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. Single exposure, above recommended guidelines, may cause: Cardiac Sensitization: Signs/symptoms may include irregular heartbeat (arrhythmia), faintness, chest pain, and may be fatal.

### 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:

No data available.

### Carcinogenicity:

WARNING: Contains a chemical which can cause cancer (1333-86-4) (IARC possible human carcinogen 2B)

### Mutagenicity:

Genotoxicity and Mutagenicity: May interact with genetic material and possibly alter gene expression.

### Reproductive Effects:

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

### Component Based Information:

TALC (14807-96-6) has been shown to cause fibrosis of the lungs.

### Product Based Information:

No data available.

### Other Effects & Information:

-----

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

Prolonged or repeated exposure may cause:

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

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

-----

## 12 Ecological Information

-----

Environmental Data:

Ecotoxicity Data:

Not determined.

Ecofate Data:

Not determined.

Special statements for 2001/58/EC:

One or more components of this product have significant known or predicted environmental hazards, but a conservative assessment indicates a low environmental risk. Intended use and proper disposal are unlikely to cause the environmentally hazardous component(s) to enter the environment in quantities or by routes that could cause the adverse environmental impacts.

Other Effects and Information:

Take precautions to prevent direct release of this product to the environment. Product usages, or other lifecycle stages, are expected to release volatile organic compounds (VOCs) to the atmosphere. Regulations may restrict the release of VOCs because they contribute to the formation of ozone and smog. Regulatory definitions for VOC vary. Because of smog and other impacts, releases through evaporation or other means should be minimized to the extent possible.

-----

## 13 Disposal Considerations

-----

Product as Sold:

Incinerate in a permitted hazardous waste incinerator. As a disposal alternative, dispose of waste product in a permitted hazardous waste facility. Facility must be capable of handling aerosol cans. Dispose of empty product containers in a sanitary landfill.

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:

Consumer Commodity

60-9800-4446-9

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 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:

A, B5, D2A, D2B

## 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:

TSCA - Toxic Substances Control Act (USA)

EINECS - European Inventory of Existing Commercial Chemical Substances

AICS - Australian Inventory of Chemical Substances

DSL - Domestic Substances List (Canada)

KECI - Korean Existing Chemicals Inventory

PICCS - Philippines Inventory of Commercial Chemical Substances

CICS - Chinese Inventory of Chemical Substances

-----  
-----  
16 Other Information  
-----

Reason for Reissue:

The following Sections and topics have been updated or revised:  
Section 8 - Exposure Controls/Personal Protection

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 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---