



3M United Kingdom Plc
 3M Centre Cain Road
 BRACKNELL Berkshire
 RG12 8HT

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 Safety Data Sheet
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MSDS ID 18-7781-0 Release Date: 07/10/10 Version : 006.02
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This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Identification of the substance or preparation
 CEARA PROTECTIE CAROSERII 8911

3M Product identification numbers

XS-0034-9171-8			XS-0034-9176-7			
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1.2 Use of substance/preparation
 Protective coating

1.3 Company/undertaking identification

Address: 3M United Kingdom PLC, 3M Centre, Cain Road,
 Bracknell, Berkshire, RG12 8HT.
 E Mail: tox.uk@mmm.com
 Website: www.3M.com/uk

1.4 Emergency telephone number
 +44 (0)1344 858 000

 2. HAZARDS IDENTIFICATION

Indication of danger
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Dangerous to environment.
 Harmful.

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- R65 | Harmful: May cause lung damage if swallowed.
-
- R66 | Repeated exposure may cause skin dryness or cracking.
-
- R67 | Vapours may cause drowsiness and dizziness.
-
- R51/53 | Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
- =====

Other hazards

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Nbr	EU Inventory	% by weight	Classification
Naphtha (petroleum), hydrodesulphurised heavy	64742-82-1	EINECS 265-185-4	30 - 60	Xn:R65 - Nota 4,H,P (EU)N:R51/53; R10 (Vendor)R66; R67 (3M)
Petrolatum (petroleum), oxidised	64743-01-7	EINECS 265-206-7	15 - 40	Nota H,N (EU)
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	EINECS 265-157-1	1 - 10	Nota H,L (EU)R66; R67 (3M)
Sulphonic acids, petroleum, sodium salts	68608-26-4	EINECS 271-781-5	1 - 10	
2-Butoxyethanol	111-76-2	EINECS 203-905-0	< 1	Xn:R20-21-22; Xi:R36-38 (EU)

 Please see section 16 for the full text of any risk phrases referred to under headings 2 and 3 of this Safety Data Sheet.
 Please refer to section 15 for the any applicable Notas that have been applied to the above components

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4. FIRST AID MEASURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Inhalation

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

Skin contact

Wash affected area with soap and water. If signs/symptoms develop, get medical attention.

Eye contact

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

Ingestion

Do not induce vomiting. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

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

Unsuitable extinguishing media**Special exposure hazards**

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.

Special instructions for firefighters

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent

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self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

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 vapours, in accordance with good industrial hygiene practice. Warning: A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode. Remember, adding an absorbent material does not remove a toxic, corrosivity or flammability hazard.

Environmental procedures

For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water. Collect the resulting residue containing solution. Place in an approved metal container. Dispose of collected material as soon as possible.

Methods for cleaning up

Refer to other sections of this Safety Data Sheet for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Contain spill. 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. 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 authorised person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and Safety Data Sheet. Seal the container.

7. HANDLING & STORAGE

7.1 Handling

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Keep away from heat, sparks, open flame, pilot lights and other sources of ignition. Ground containers securely when transferring contents. Wear low static or properly grounded shoes. No smoking while handling this material. Do not spray near flames or sources of ignition. Avoid inhalation of vapours, mists or spray. Avoid eye contact with vapours, mists, or spray. For industrial or professional use only. Avoid contact with

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7.2 Storage

Store away from acids. Store away from heat. Store out of direct sunlight. Store away from oxidising agents. Protect from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limit values

Ingredient	Agency	Limit type	Additional comments
2-Butoxyethanol	Health and Safety Comm. (UK)	TWA:25 ppm; STEL:50 ppm	Skin Notation

Health and Safety Comm. (UK) : UK Health and Safety Commission

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

ppm: parts per million

mg/m³: milligrams per cubic metre

CEIL: Ceiling

8.2.1 Occupational exposure controls

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.

Respiratory protection

Avoid inhalation 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 vapour cartridges and P2 particulate prefilters.

Consult the current 3M Respiratory Selection Guide for additional information or contact 3M for technical assistance.

Hand protection

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

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Eye/face protection

Avoid eye contact with vapours, mists, or spray.

The following eye protection(s) are recommended: Safety glasses with side shields.

Indirect vented goggles.

Skin protection

Avoid skin contact.

Ingestion

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

8.2.2 Environmental exposure controls

No data available.

 9. PHYSICAL/CHEMICAL PROPERTIES

9.1 General information

=====
 Physical state | Liquid.

=====
 Appearance/Odour | Brown, with turpentine odour

9.2 Important health safety and environmental information

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 pH | No data available.

Boiling point/boiling range | 135 °C

Melting point | No data available.

Flammability (solid, gas) | Not available.

Explosive properties | Not determined.

Oxidising properties | Not determined.

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 Flammable limits - LEL | 0.7 % volume

Flammable limits - UEL | 6.5 % volume

Vapour pressure | 400000 Pa

Relative density | No data available.

Water solubility | Negligible

Partition coefficient:
 n-octanol/water | No data available.
 |

Evaporation rate | No data available.

Vapour density | No data available.

Density | 0.87 kg/l
 =====

9.3 Other information

 Minimum Storage Temperature | 10 °C

Maximum Storage Temperature | 30 °C
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10. STABILITY & REACTIVITY

Stable. Hazardous polymerisation will not occur.

10.1 Conditions to avoid

Heat.

Sparks and/or flames.

Temperatures above the boiling point.

10.2 Materials to avoid

Strong acids.

Strong oxidising agents.

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10.3 Hazardous decomposition products

Substance	Condition
Carbon monoxide.	Not specified.
Carbon dioxide.	Not specified.

11. TOXICOLOGICAL INFORMATION

Inhalation

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.

Ingestion

Chemical (aspiration) pneumonitis: Signs/symptoms may include coughing, gasping, choking, burning of the mouth, difficulty breathing, bluish coloured skin (cyanosis), and may be fatal. Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea. May be absorbed following ingestion and cause target organ effects.

Eye contact

Mild eye irritation: Signs/symptoms may include redness, pain and tearing.

Skin contact

Mild skin irritation: Signs/symptoms may include localised redness, swelling, and itching.

Other health effects

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

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12. ECOLOGICAL INFORMATION

Take precautions to prevent direct release of this product to the environment. 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.

12.1 Ecotoxicity

No product test data available.
No component test data available.

12.2 Mobility

Please contact 3M for more details.

12.3 Persistence and degradability

No test data available.

12.4 Bioaccumulative potential

No test data available.

12.5 Results of PBT assessment

No data available at this time, contact 3M for more details.

12.6 Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

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Waste disposal method: Incinerate in a permitted hazardous waste incinerator. As a disposal alternative, dispose of waste product in a permitted hazardous waste facility.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of 3M, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/EC and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor.

EU waste code (product as sold)

=====
 08 01 11* | Waste paint and varnish containing organic solvents
 | or other dangerous substances
 =====

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

 14. TRANSPORTATION INFORMATION

Please refer to the end of this document for transportation information.

 15. REGULATORY INFORMATION

Symbols

=====
 Xn | Harmful.

N | Dangerous to environment.
 =====

Contains:
 Naphtha (petroleum), hydrodesulphurised heavy

Risk phrases

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 R10 | Flammable.

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R66 | Repeated exposure may cause skin dryness or cracking.

R67 | Vapours may cause drowsiness and dizziness.

R51/53 | Toxic to aquatic organisms. May cause long-term adverse
| effects in the aquatic environment.
=====

Safety phrases

S51 | Use only in well ventilated areas.

S23C | Do not breathe vapour or spray.

S24 | Avoid contact with skin.

S62 | If swallowed, do not induce vomiting: Seek medical
advice immediately and show this container or label.
S61
instructions/safety data sheets.
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Special provisions concerning the labelling of certain substances

EU VOC Directive (2004/42/EC) labelling:2004/42/EC IIB(e)(840) 410g/l

Notes on labelling

Nota P applied to CAS# 64742-82-1, Nota N applied to CAS# 64743-01-7,
Nota L applied to CAS# 64742-54-7.

16. OTHER INFORMATION-----
List of relevant R-phrases
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R10 | Flammable.

R20 | Harmful by inhalation.

R21 | Harmful in contact with skin.

R22 | Harmful if swallowed.

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R38	Irritating to skin.
R51/53	Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
R65	Harmful: May cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

Restrictions on use

For industrial or professional use only.

Global inventory status

All applicable chemical ingredients in this material are listed on the European Inventory of Existing Chemical Substances (EINECS), or are exempt polymers whose monomers are listed on EINECS.

Revision information:

No revision information is available.

DISCLAIMER: The information on this Safety Data Sheet is based on 3M's experience and is correct to the best of 3M's knowledge at the date of publication. 3M does not accept liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

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3M United Kingdom MSDSs are available at www.3M.com/uk

ANNEX: Transport information as per paragraph 14 of the MSDS

Major change to the transportation information.

XS-0034-9171-8

ADR/RID

UN1139 COATING SOLUTION, LIMITED QUANTITY, 3., III, (--), F1

IMDG-CODE

UN1139 COATING SOLUTION (NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY),
3, III , Marine Pollutant (NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY)
,limited quantity

ICAO/IATA

UN1139 COATING SOLUTION, 3., III

XS-0034-9176-7

ADR/RID

UN1139 COATING SOLUTION, 3., III, (D/E), F1

IMDG-CODE

UN1139 COATING SOLUTION (NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY),
3, III , Marine Pollutant (NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY)

ICAO/IATA

UN1139 COATING SOLUTION, 3., III

