

Security data sheet



Product: 3748

Manufacturer: 3M DEUTSCHLAND GMBH

Product group: KLEBSTOFF

Article group: SCHMELZKLEBSTOFF

Download: 02.07.2025

3M™ 3748 PG II,-TC,TCQ,-B

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Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

3M™ Hot Melt Adhesive 3748PG, 3748TC, 3748Q, 3748B Off-White

Product Identification Numbers

62-3748-9132-3 62-3748-9330-3

7000000878 7100005566

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Adhesive

1.3. Details of the supplier of the safety data sheet

Address: 3M Ireland Limited, The Iveagh Building, The Park, Carrickmines, Dublin 18.
Telephone: +353 1 280 3555
E Mail: tox.uk@mmm.com
Website: www.3M.com

1.4. Emergency telephone number

+44 (0)1344 858 000

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

CLP REGULATION (EC) No 1272/2008

CLASSIFICATION:

This material is not classified as hazardous according to Regulation (EC) No. 1272/2008, as amended, on classification, labelling, and packaging of substances and mixtures.

2.2. Label elements

CLP REGULATION (EC) No 1272/2008

Not applicable

SUPPLEMENTAL INFORMATION:**Supplemental Precautionary Statements:**

Avoid contact with hot extruded molten material or applicator tip. Avoid direct eye exposure to vapours. In case of eye/skin contact with molten material, immediately flush with cold water and cover with a clean dressing. Do not attempt to remove molten material. Have burn treated by a physician.

2.3. Other hazards

May cause thermal burns.

SECTION 3: Composition/information on ingredients**3.1. Substances**

Not applicable

3.2. Mixtures

| Ingredient | Identifier(s) | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|------------------------------|---|----------|--|
| Polypropylene | (CAS-No.) 9003-07-0 | 15 - 40 | Substance not classified as hazardous |
| Hydrocarbon Resin | Trade Secret | 10 - 30 | Substance not classified as hazardous |
| Propene, polymer with ethene | (CAS-No.) 9010-79-1 | 5 - 25 | Substance not classified as hazardous |
| Styrene-Butadiene Polymer | Trade Secret | 10 - 20 | Substance not classified as hazardous |
| Polyethylene | (CAS-No.) 9002-88-4 | 5 - 10 | Substance not classified as hazardous |
| Paraffin Wax | (CAS-No.) 8002-74-2 (EC-No.) 232-315-6 | 5 - 10 | Substance with a national occupational exposure limit |

Please see section 16 for the full text of any H statements referred to in this section

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

No need for first aid is anticipated.

Skin contact

Immediately flush skin with large amounts of cold water for at least 15 minutes. DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Cover affected area with a clean dressing. Get immediate medical attention.

Eye contact

Immediately flush eyes with large amounts of water for at least 15 minutes. DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Get immediate medical attention.

If swallowed

No need for first aid is anticipated.

4.2. Most important symptoms and effects, both acute and delayed

No critical symptoms or effects. 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. Extinguishing media

Material will not burn. In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish. Use a fire fighting agent suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

Substance

Carbon monoxide
Carbon dioxide.
Oxides of nitrogen.

Condition

During combustion.
During combustion.
During combustion.

5.3. Advice for fire-fighters

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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. Observe precautions from other sections.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue. Seal the container. Dispose of collected material as soon as possible.

6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid skin contact with hot material. For industrial/occupational use only. Not for consumer sale or use.

7.2. Conditions for safe storage including any incompatibilities

No special storage requirements.

7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

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 | CAS Nbr | Agency | Limit type | Additional comments |
|-------------------|----------------|---------------|---|----------------------------|
| Paraffin Wax | 8002-74-2 | UK HSC | TWA(as fume):2 mg/m ³ ;STEL(as fume):6 mg/m ³ | |

UK HSC : UK Health and Safety Commission
TWA: Time-Weighted-Average
STEL: Short Term Exposure Limit
CEIL: Ceiling

Biological limit values

No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

Recommended monitoring procedures:Information on recommended monitoring procedures can be obtained from Indust. Inspect./Ministry (IE)

8.2. Exposure controls

8.2.1. Engineering controls

No engineering controls required.

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:

Full face shield.

Indirect vented goggles.

Applicable Norms/Standards

Use eye/face protection conforming to EN 166

Skin/hand protection

No chemical protective gloves are required.

Respiratory protection

None required.

Thermal hazards

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

Applicable Norms/Standards

Use gloves tested to EN 407

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Solid.

Specific Physical Form:

Waxy Solid

| | |
|--|--|
| Colour | Off-White |
| Odor | Mild Resinous |
| Odour threshold | <i>No data available.</i> |
| Melting point/freezing point | <i>No data available.</i> |
| Boiling point/boiling range | <i>Not applicable.</i> |
| Flammability (solid, gas) | Not classified |
| Flammable Limits(LEL) | <i>Not applicable.</i> |
| Flammable Limits(UEL) | <i>Not applicable.</i> |
| Flash point | 280 °C [<i>Test Method:</i> Cleveland Open Cup] |
| Autoignition temperature | 330 °C |
| Decomposition temperature | <i>No data available.</i> |
| pH | <i>substance/mixture is non-soluble (in water)</i> |
| Kinematic Viscosity | 5,434.78260869565 mm ² /sec |
| Water solubility | Nil |
| Solubility- non-water | <i>No data available.</i> |
| Partition coefficient: n-octanol/water | <i>No data available.</i> |
| Density | 0.92 - 0.94 g/cm ³ |
| Relative density | 0.92 - 0.94 [<i>Ref Std:</i> WATER=1] |
| Relative Vapor Density | Nil |

9.2. Other information

9.2.2 Other safety characteristics

| | |
|-------------------------------|---------------------------|
| EU Volatile Organic Compounds | <i>No data available.</i> |
| Evaporation rate | <i>Not applicable.</i> |
| Molecular weight | <i>No data available.</i> |
| Percent volatile | 0 % weight |
| Solids content | 100 % |

SECTION 10: Stability and reactivity

10.1 Reactivity

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

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
| None known. | |

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from internal hazard assessments.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation

No health effects are expected.

Skin contact

Thermal burns: Signs/symptoms may include intense pain, redness and swelling, and tissue destruction.

Eye contact

Thermal burns: Signs/symptoms may include severe pain, redness and swelling, and tissue destruction.

Ingestion

No known health effects.

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 | Dermal | | No data available; calculated ATE >5,000 mg/kg |
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Polypropylene | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Polypropylene | Ingestion | Mouse | LD50 > 8,000 mg/kg |
| Hydrocarbon Resin | Dermal | Rat | LD50 > 2,000 mg/kg |
| Hydrocarbon Resin | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Propene, polymer with ethene | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| Propene, polymer with ethene | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Styrene-Butadiene Polymer | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Styrene-Butadiene Polymer | Ingestion | | LD50 estimated to be > 5,000 mg/kg |
| Polyethylene | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Paraffin Wax | Dermal | Rat | LD50 > 5,000 mg/kg |
| Paraffin Wax | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Polyethylene | Ingestion | Rat | LD50 > 2,000 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|------------------------------|------------------|---------------------------|
| Polypropylene | Human and animal | No significant irritation |
| Propene, polymer with ethene | Rabbit | No significant irritation |
| Paraffin Wax | Rabbit | No significant irritation |
| Polyethylene | Professional | No significant irritation |

| | | |
|--|-----------|--|
| | judgement | |
|--|-----------|--|

Serious Eye Damage/Irritation

| Name | Species | Value |
|------------------------------|------------------------|---------------------------|
| Polypropylene | Professional judgement | No significant irritation |
| Propene, polymer with ethene | Rabbit | No significant irritation |
| Paraffin Wax | Rabbit | No significant irritation |

Skin Sensitisation

| Name | Species | Value |
|---------------|------------------|----------------|
| Polypropylene | Human and animal | Not classified |
| Paraffin Wax | Guinea pig | Not classified |

Respiratory Sensitisation

For the component/components, either no data is currently available or the data is not sufficient for classification.

Germ Cell Mutagenicity

| Name | Route | Value |
|---------------|----------|---------------|
| Polypropylene | In Vitro | Not mutagenic |
| Paraffin Wax | In Vitro | Not mutagenic |

Carcinogenicity

| Name | Route | Species | Value |
|---------------|----------------|-------------------------|--|
| Polypropylene | Not specified. | Rat | Some positive data exist, but the data are not sufficient for classification |
| Paraffin Wax | Ingestion | Rat | Not carcinogenic |
| Polyethylene | Not specified. | Multiple animal species | Some positive data exist, but the data are not sufficient for classification |

Reproductive Toxicity**Reproductive and/or Developmental Effects**

For the component/components, either no data is currently available or the data is not sufficient for classification.

Target Organ(s)**Specific Target Organ Toxicity - single exposure**

For the component/components, either no data is currently available or the data is not sufficient for classification.

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|--------------|-----------|---|--|---------|-----------------------|-------------------|
| Paraffin Wax | Ingestion | heart | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 15 mg/kg/day | 90 days |
| Paraffin Wax | Ingestion | hematopoietic system liver immune system skin endocrine | Not classified | Rat | NOAEL 1,500 mg/kg/day | 90 days |

| | | | | | | |
|--|--|--|--|--|--|--|
| | | system bone, teeth, nails, and/or hair muscles nervous system eyes kidney and/or bladder respiratory system vascular system | | | | |
|--|--|--|--|--|--|--|

Aspiration Hazard

For the component/components, either no data is currently available or the data is 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.

11.2. Information on other hazards

This material does not contain any substances that are assessed to be an endocrine disruptor for human health.

SECTION 12: Ecological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

12.1. Toxicity

No product test data available.

| Material | CAS # | Organism | Type | Exposure | Test endpoint | Test result |
|------------------------------|--------------|---------------|---|----------|---------------|--------------|
| Polypropylene | 9003-07-0 | | Data not available or insufficient for classification | | | N/A |
| Hydrocarbon Resin | Trade Secret | | Data not available or insufficient for classification | | | N/A |
| Propene, polymer with ethene | 9010-79-1 | | Data not available or insufficient for classification | | | N/A |
| Styrene-Butadiene Polymer | Trade Secret | | Data not available or insufficient for classification | | | N/A |
| Paraffin Wax | 8002-74-2 | Green algae | Estimated | 96 hours | EC50 | >1,000 mg/l |
| Paraffin Wax | 8002-74-2 | Rainbow trout | Estimated | 96 hours | LC50 | >1,000 mg/l |
| Paraffin Wax | 8002-74-2 | Water flea | Estimated | 48 hours | EC50 | >10,000 mg/l |
| Polyethylene | 9002-88-4 | | Data not available or insufficient for classification | | | N/A |

12.2. Persistence and degradability

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|-----------------------|--------------|-------------------------------|----------|------------|-------------|----------|
| Polypropylene | 9003-07-0 | Data not availbl-insufficient | | | N/A | |
| Hydrocarbon Resin | Trade Secret | Data not availbl-insufficient | | | N/A | |
| Propene, polymer with | 9010-79-1 | Data not availbl- | | | N/A | |

| | | | | | | |
|---------------------------|--------------|------------------------------------|---------|-----|-------------|-------------------------------------|
| ethene | | insufficient | | | | |
| Styrene-Butadiene Polymer | Trade Secret | Data not available or insufficient | | | N/A | |
| Paraffin Wax | 8002-74-2 | Estimated Biodegradation | 28 days | BOD | 40 % weight | OECD 301F - Manometric respirometry |
| Polyethylene | 9002-88-4 | Data not available or insufficient | | | N/A | |

12.3 : Bioaccumulative potential

| Material | Cas No. | Test type | Duration | Study Type | Test result | Protocol |
|------------------------------|--------------|---|----------|------------|-------------|--|
| Polypropylene | 9003-07-0 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Hydrocarbon Resin | Trade Secret | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Propene, polymer with ethene | 9010-79-1 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Styrene-Butadiene Polymer | Trade Secret | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Paraffin Wax | 8002-74-2 | Estimated Bioconcentration | | Log Kow | 10.2 | Estimated: Octanol-water partition coefficient |
| Polyethylene | 9002-88-4 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |

12.4. Mobility in soil

No test data available.

12.5. Results of the PBT and vPvB assessment

This material does not contain any substances that are assessed to be a PBT or vPvB

12.6. Endocrine disrupting properties

This material does not contain any substances that are assessed to be an endocrine disruptor for environmental effects

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

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

This product has been classified as a non-hazardous waste. Prior to disposal, consult all applicable authorities and regulations to insure proper classification. Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. If no other disposal options are available, waste product may be placed in a landfill properly designed for industrial waste.

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 04 10 Waste adhesives and sealants other than those mentioned in 08 04 09
 20 01 28 Paint, inks, adhesives and resins other than those mentioned in 20 01 27

SECTION 14: Transportation information

Not hazardous for transportation.

| | Ground Transport (ADR) | Air Transport (IATA) | Marine Transport (IMDG) |
|--|--|--|--|
| 14.1 UN number | No data available. | No data available. | No data available. |
| 14.2 UN proper shipping name | No data available. | No data available. | No data available. |
| 14.3 Transport hazard class(es) | No data available. | No data available. | No data available. |
| 14.4 Packing group | No data available. | No data available. | No data available. |
| 14.5 Environmental hazards | No data available. | No data available. | No data available. |
| 14.6 Special precautions for user | Please refer to the other sections of the SDS for further information. | Please refer to the other sections of the SDS for further information. | Please refer to the other sections of the SDS for further information. |
| 14.7 Transport in bulk according to Annex II of Marpol 73/78 and IBC Code | No data available. | No data available. | No data available. |
| Control Temperature | No data available. | No data available. | No data available. |
| Emergency Temperature | No data available. | No data available. | No data available. |
| ADR Tunnel Code | No data available. | Not applicable. | No data available. |
| ADR Classification Code | No data available. | No data available. | No data available. |
| ADR Transport Category | No data available. | No data available. | No data available. |
| ADR Multiplier | No data available. | No data available. | No data available. |
| IMDG Segregation Code | No data available. | No data available. | No data available. |

| | | | |
|-------------------------|--------------------|--------------------|--------------------|
| Transport not Permitted | No data available. | No data available. | No data available. |
|-------------------------|--------------------|--------------------|--------------------|

Please contact the address or phone number listed on the first page of the SDS for additional information on the transport/shipment of the material by rail (RID) or inland waterways (ADN).

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Carcinogenicity

| <u>Ingredient</u> | <u>CAS Nbr</u> | <u>Classification</u> | <u>Regulation</u> |
|-------------------|----------------|-------------------------|---|
| Polyethylene | 9002-88-4 | Gr. 3: Not classifiable | International Agency for Research on Cancer |
| Polypropylene | 9003-07-0 | Gr. 3: Not classifiable | International Agency for Research on Cancer |

Global inventory status

Contact 3M for more information. The components of this material are in compliance with the provisions of the Korea Chemical Control Act. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Japan Chemical Substance Control Law. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the new substance notification requirements of CEPA. This product complies with Measures on Environmental Management of New Chemical Substances. All ingredients are listed on or exempt from on China IECSC inventory. The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for this mixture. Chemical safety assessments for the contained substances may have been carried out by the registrants of the substances in accordance with Regulation (EC) No 1907/2006, as amended.

SECTION 16: Other information

Revision information:

EU Section 09: pH information information was added.
 Section 1: Product use information information was modified.
 Section 02: CLP Classification Statements information was added.
 Label: CLP Classification information was deleted.
 Section 02: SDS Elements: CLP Supplemental Precautionary Statements information was added.
 Section 03: Composition table % Column heading information was added.
 Section 3: Composition/ Information of ingredients table information was modified.
 Section 03: Substance not applicable information was added.
 Section 04: Information on toxicological effects information was modified.
 Section 5: Fire - Advice for fire fighters information information was modified.
 Section 5: Fire - Extinguishing media information information was modified.

Section 5: Hazardous combustion products table information was modified.

Section 6: Accidental release personal information information was modified.

Section 8: Appropriate Engineering controls information information was modified.

Section 09: Color information was added.

Section 9: Evaporation Rate information information was deleted.

Section 9: Explosive properties information information was deleted.

Section 09: Kinematic Viscosity information information was added.

Section 9: Melting point information information was modified.

Section 09: Odor information was added.

Sections 3 and 9: Odour, colour, grade information information was deleted.

Section 9: Oxidising properties information information was deleted.

Section 9: pH information information was deleted.

Section 9: Property description for optional properties information was modified.

Section 9: Vapor density text information was added.

Section 9: Vapor density text information was deleted.

Section 9: Vapour pressure value information was deleted.

Section 9: Viscosity information information was deleted.

Section 11: Acute Toxicity table information was modified.

Section 11: Classification disclaimer information was modified.

Section 11: Health Effects - Eye information information was modified.

Section 11: Health Effects - Skin information information was modified.

Section 11: No endocrine disruptor information available warning information was added.

Section 12: 12.6. Endocrine Disrupting Properties information was added.

Section 12: 12.7. Other adverse effects information was modified.

Section 12: Component ecotoxicity information information was modified.

Section 12: Contact manufacturer for more detail. information was deleted.

Section 12: No Data text for mobility in soil information was added.

Section 12: No endocrine disruptor information available warning information was added.

Section 12: Persistence and Degradability information information was modified.

Section 12: Bioaccumulative potential information information was modified.

Section 14 Classification Code – Main Heading information was added.

Section 14 Classification Code – Regulation Data information was added.

Section 14 Control Temperature – Main Heading information was added.

Section 14 Control Temperature – Regulation Data information was added.

Section 14 Disclaimer Information information was added.

Section 14 Emergency Temperature – Main Heading information was added.

Section 14 Emergency Temperature – Regulation Data information was added.

Section 14 Hazard Class + Sub Risk – Main Heading information was added.

Section 14 Hazard Class + Sub Risk – Regulation Data information was added.

Section 14 Hazardous/Not Hazardous for Transportation information was added.

Section 14 Multiplier – Main Heading information was added.

Section 14 Multiplier – Regulation Data information was added.

Section 14 Other Dangerous Goods – Main Heading information was added.

Section 14 Other Dangerous Goods – Regulation Data information was added.

Section 14 Packing Group – Main Heading information was added.

Section 14 Packing Group – Regulation Data information was added.

Section 14 Proper Shipping Name information was added.

Section 14 Regulations – Main Headings information was added.

Section 14 Segregation – Regulation Data information was added.

Section 14 Segregation Code – Main Heading information was added.

Section 14 Special Precautions – Main Heading information was added.

Section 14 Special Precautions – Regulation Data information was added.

Section 14 Transport Category – Main Heading information was added.

Section 14 Transport Category – Regulation Data information was added.

Section 14 Transport in bulk – Regulation Data information was added.

Section 14 Transport in bulk according to Annex II of Marpol and the IBC Code – Main Heading information was added.

Section 14 Transport Not Permitted – Main Heading information was added.
Section 14 Transport Not Permitted – Regulation Data information was added.
Section 14 Tunnel Code – Main Heading information was added.
Section 14 Tunnel Code – Regulation Data information was added.
Section 14 UN Number Column data information was added.
Section 14 UN Number information was added.
Section 16: UK disclaimer information was deleted.

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