

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 05/06/2014 Revision date: 08/10/2018 Supersedes version of: 17/12/2015 Version: 3.4

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

1.1. Product identifier

Product form : Mixture

Product name : Body Coating Grey
UFI : 3YEN-T5W9-0005-M794

Product code : 633 Article number : 63300

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only

Industrial use

Function or use category : Surface protection

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

BARDAHL NL - OCD NEDERLAND BV Maxwellstraat 41 3316 GP Dordrecht Nederland T 0031 78 651 2322 - F 0031 78 617 4848 mjkooijman@bardahl.nl - www.bardahl.nl

1.4. Emergency telephone number

Emergency number : +31 (0) 6 54924171

During office hours: 8.30 t/m 17:00 h

Country	Official advisory body	Address	Emergency number	Comment
	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	0870 243 2241	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA	0344 892 0111	Only for healthcare professionals

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 2 H225 Specific target organ toxicity – Single exposure, Category 3, H336

Narcosis

Hazardous to the aquatic environment – Chronic Hazard, H411

Category 2

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

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2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)







GHS02

GHS07

GHS09

Signal word (CLP)

Contains

Hazard statements (CLP)

Precautionary statements (CLP)

: Danger

: Hydrocarbons, C7-C9, N-Alkanes, Cyclic : H225 - Highly flammable liquid and vapour. H336 - May cause drowsiness or dizziness.

H411 - Toxic to aquatic life with long lasting effects.

: P302+P352 - IF ON SKIN: Wash with plenty of water, Soap...

P260 - Do not breathe spray. P242 - Use only non-sparking tools.

P101 - If medical advice is needed, have product container or label at hand.

P280 - Wear protective gloves, eye protection.

P102 - Keep out of reach of children.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

P243 - Take precautionary measures against static discharge.

P273 - Avoid release to the environment.

P271 - Use only outdoors or in a well-ventilated area.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P501 - Dispose of contents/container in accordance with local regulations.

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C7-C9, N-Alkanes, Cyclic	EC-No.: 920-750-0 EC Index-No.: 01- 2119473851-33	25 – 50	Flam. Liq. 2, H225 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
xylene (Note C)	CAS-No.: 1330-20-7 EC-No.: 215-535-7 EC Index-No.: 601-022-00-9 REACH-no: 01-2119488216- 32	3 – 10	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
ethanol; ethyl alcohol	CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5 REACH-no: 01-2119457610-	0.3 – 1	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 1, H370

pecific concentration limits:		
Name	Product identifier	Specific concentration limits (%)
ethanol; ethyl alcohol	CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5 REACH-no: 01-2119457610-	(50 ≤ C < 100) Eye Irrit. 2, H319

Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Allow affected person to breathe fresh air. If you feel unwell, seek medical advice.

First-aid measures after skin contact : No irritant effect.

First-aid measures after eye contact : Ensure adequate flushing of eyes by separating eyelids with the fingers. Get medical

advice/attention.

First-aid measures after ingestion : Do NOT induce vomiting. Get immediate medical advice and attention.

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

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water haze. Powder. Carbon dioxide. Alcohol resistant foam.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Protection during firefighting : Wear suitable respiratory equipment.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Keep public away from danger area.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica

gel). Do not use water for cleaning.

6.4. Reference to other sections

See Headings 7 and 8. See Heading 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Good ventilation of the workplace required. Keep away from sources of ignition - No

smoking. Take precautionary measures against static discharges. Avoid aerosolbuilding.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed. Store in a dry, cool place.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

kylene (1330-20-7)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	221 mg/m³ (Xylene, mixed isomers, pure; EU; Timeweighted average exposure limit 8 h; Indicative occupational exposure limit value)
IOEL TWA [ppm]	50 ppm (Xylene, mixed isomers, pure; EU; Timeweighted average exposure limit 8 h; Indicative occupational exposure limit value)
IOEL STEL	442 mg/m³ (Xylene, mixed isomers, pure; EU; Short time value; Indicative occupational exposure limit value)
IOEL STEL [ppm]	100 ppm (Xylene, mixed isomers, pure; EU; Short time value; Indicative occupational exposure limit value)

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ethanol; ethyl alcohol (64-17-5)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	1880 mg/m³
IOEL TWA [ppm]	1000 ppm
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	1920 mg/m³ (Long term)
WEL TWA (OEL TWA) [2]	1000 ppm (Long term)
1000	parts per million

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

o.1.4. DNEL allu FNEC	
kylene (1330-20-7)	
DNEL/DMEL (Workers)	
Acute - systemic effects, inhalation	289 mg/m³
Acute - local effects, inhalation	289 mg/m³
Long-term - systemic effects, dermal	180 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	77 mg/m³
DNEL/DMEL (General population)	
Acute - systemic effects, inhalation	174
Acute - local effects, inhalation	174 mg/m³
Long-term - systemic effects, inhalation	14.8 mg/m³
Long-term - systemic effects, dermal	108 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.327 mg/l (Not specified)
PNEC aqua (marine water)	0.327 mg/l (Not specified)
PNEC (Sediment)	
PNEC sediment (freshwater)	12.46 mg/kg dwt (Not specified)
PNEC sediment (marine water)	12.46 mg/kg dwt (Not specified)
PNEC (Soil)	
PNEC soil	2.31 mg/kg dwt (Not specified)
PNEC (STP)	
PNEC sewage treatment plant	6.58 mg/l (Not specified)

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

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8.2.2. Personal protection equipment

Personal protective equipment:

Gloves. Protective goggles.

Personal protective equipment symbol(s):







8.2.2.1. Eye and face protection

Eye protection:

Safety glasses with side guards should be worn to prevent injury from airborne particles and/or other eye contact with this product.

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing. EN 13034

Hand protection:

Gloves material: Nitrile. Wear suitable gloves tested to EN374. Recommended thickness of the material: ≥ 0.5 mm. Penetration time of glove material: ≥ 240 min. Selection of the glove material on consideration of the penetration times, premeatiegraden and degradation. Refer to manufacturer's information.

8.2.2.3. Respiratory protection

Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection. High gas/vapour concentration: gas mask with filter type A. Combined gas/dust mask with filter type AX/P2. Extra personal protection: A/P2 filter respirator for organic vapour and harmful dust

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Other information:

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not breathe gas, fumes, vapour or spray.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid Grey. Colour Odour characteristic. Not available Odour threshold Not available Melting point : Not available Freezing point 98 °C Boiling point Flammability : Not available

Explosive properties : Explosive vapour/air mixtures may be formed. Product is not explosive.

Lower explosion limit : Not available
Upper explosion limit : Not available
Flash point : 2 °C
Auto-ignition temperature : 200 °C
Decomposition temperature : Not available
pH : Not available
Viscosity, kinematic : 30 mm²/s

Viscosity, dynamic : 8000 mPa·s (20°C)
Solubility : Practically not miscible.

Organic solvent:50.8%

Partition coefficient n-octanol/water (Log Kow) : Not available

Vapour pressure : 30 hPa (20°C)

Vapour pressure at 50°C : Not available

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Density : 1.05 g/cm³ (20°C)
Relative density : Not available
Relative vapour density at 20°C : Not available
Particle characteristics : Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Explosion limits : 0.7 – 7 vol %

9.2.2. Other safety characteristics

VOC content : 533.4 g/l (50.78%)

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

No decomposition if used according to specifications.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

xylene (1330-20-7)	
LD50 oral rat	4300 mg/kg
LD50 dermal rabbit	2000 mg/kg
LC50 Inhalation - Rat	6350 mg/l/4h

ethanol; ethyl alcohol (64-17-5)

LD50 oral rat	13600 mg/kg
LC50 Inhalation - Rat	> 20 mg/l/4h

Skin corrosion/irritation : No irritant effect
Serious eye damage/irritation : No irritant effect

Respiratory or skin sensitisation : No sensitisation responses were observed

Germ cell mutagenicity : Not classified Carcinogenicity : Not classified

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ethanol; ethyl alcohol (64-17-5)	
NOAEL (chronic, oral, animal/male, 2 years)	4250 mg/kg bodyweight
NOAEL (chronic, oral, animal/female, 2 years)	4000 mg/kg bodyweight
Reproductive toxicity :	Not classified
STOT-single exposure :	Not classified
ethanol; ethyl alcohol (64-17-5)	
LOAEL (oral, rat)	4 mg/kg bodyweight
STOT-single exposure	Causes damage to organs.
Hydrocarbons, C7-C9, N-Alkanes, Cyclic	
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure :	Not classified
Aspiration hazard :	Not classified
Body Coating Grey	
Viscosity, kinematic	30 mm²/s

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term : Not classified

(acute)

Hazardous to the aquatic environment, long-term : Toxic to aquatic life with long lasting effects.

(chronic)

lene (1330-20-7)	
LC50 - Other aquatic organisms [1]	8.9 – 16.4 mg/l (Pimephales promelas 96h)
EC50 - Crustacea [1]	3.2 – 9.5 mg/l (Daphnia magna) (48h)
ethanol; ethyl alcohol (64-17-5)	
LC50 - Fish [1]	15300 mg/l (96h)
EC50 - Crustacea [1]	9300 mg/l 48h
EC50 72h - Algae [1]	275 mg/l
ErC50 algae	5000 mg/l IC50 72h
NOEC chronic crustacea	9.6 mg/l

12.2. Persistence and degradability

Body Coating Grey	
Persistence and degradability	Product is biodegradable.
xylene (1330-20-7)	
Persistence and degradability Readily biodegradable.	
ethanol; ethyl alcohol (64-17-5)	
Biodegradation	84 % (OECD 301D method)

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12.3. Bioaccumulative potential

xylene (1330-20-7)		
BCF - Fish [2]	7 – 26	
Bioconcentration factor (BCF REACH)	< 500	
Partition coefficient n-octanol/water (Log Pow) 3.2		
ethanol; ethyl alcohol (64-17-5)		
Partition coefficient n-octanol/water (Log Kow) -0.35		

12.4. Mobility in soil

Body Coating Grey	
Ecology - soil Toxic to fish. Prevent entry to sewers and public waters. In surface also poisonous for and plankton.	
xylene (1330-20-7)	
Ecology - soil	May be harmful to plant growth, blooming and fruit formation.

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations

: Prevent entry to sewers and public waters. Dispose in a safe manner in accordance with local/national regulations.

European List of Waste (LoW) code

: 08 02 99 - wastes not otherwise specified

20 01 27* - paint, inks, adhesives and resins containing dangerous substances

SECTION 14: Transport information

In accordance with / / ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID	
14.1. UN number or ID n	14.1. UN number or ID number				
Not regulated for transport					
UN 1139	UN 1139 UN 1139 UN 1139 UN 1139			UN 1139	
14.2. UN proper shippin	14.2. UN proper shipping name				
COATING SOLUTION	OATING SOLUTION Not applicable Not applicable Not applicable Not applicable		Not applicable		
14.3. Transport hazard class(es)					
3	3	3	3	3	

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ADR	IMDG	IATA	ADN	RID
3	3	3	¥2	3
14.4. Packing group				
III	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes
No supplementary information available				

14.6. Special precautions for user

Overland transport

Classification code (ADR) : F1
Special provisions (ADR) : 640E
Limited quantities (ADR) : 5I
Excepted quantities (ADR) : E1
Vehicle for tank carriage : FL
Transport category (ADR) : 3
Hazard identification number (Kemler No.) : 30

Orange plates

30 1139

Tunnel restriction code (ADR) : D/E EAC code : •3YE

Transport by sea

EmS-No. (Fire) : F-E EmS-No. (Spillage) : S-E

Air transport

No data available

Inland waterway transport

No data available

Rail transport

No data available

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	
3.	Body Coating Grey	
28.	Body Coating Grey	
29.	Body Coating Grey	
3(a)	ethanol; ethyl alcohol	
30.	Body Coating Grey	
40.	Body Coating Grey	

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

VOC Directive (2004/42)

VOC content : 533.4 g/l (50.78%)

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No

SECTION 16: Other information

Indication of changes			
Section	Changed item	Change	Comments
2.1	Adverse physicochemical, human health and environmental effects	Removed	
2.2	Precautionary statements (CLP)	Modified	
3	Composition/information on ingredients	Modified	

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Indication of changes			
Section	Changed item	Change	Comments
8.2	Skin and body protection	Modified	
8.2	Hand protection	Modified	
8.2	Respiratory protection	Modified	
9.1	Solubility in organic solvents	Modified	
9.1	Viscosity, kinematic	Added	
9.2	VOC content	Modified	
12.2	Persistence and degradability	Added	
13.1	European List of Waste (LoW) code	Added	
15.1	VOC content	Modified	

Abbreviations and acronyms:			
	Abbreviations and acronyms:		
	RID: Regulations Concerning the International Transport of Dangerous Goods by Rail		
	ICAO: International Civil Aviation Organization		
	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road		
	IMDG: International Maritime Code for Dangerous Goods		
	IATA: International Air Transport Association		
	GHS: Globally Harmonized System of Classification and labelling of Chemicals		
	EINECS: European Inventory of Existing Commercial Chemical Substances		
	ELINCS: European List of Notified Chemical Substances		
	CAS: Chemical Abstracts Service (division of the American Chemical Society)		
	VOC: Volatile Organic Compounds (USA, EU)		
	LC50: Lethal concentration, 50 percent		
	LD50: Lethal dose, 50 percent		

Full text of H- and EUH-statements:		
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4	
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2	
Asp. Tox. 1	Aspiration hazard, Category 1	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Flam. Liq. 2	Flammable liquids, Category 2	
Flam. Liq. 3	Flammable liquids, Category 3	
H225	Highly flammable liquid and vapour.	
H226	Flammable liquid and vapour.	
H304	May be fatal if swallowed and enters airways.	
H312	Harmful in contact with skin.	
H315	Causes skin irritation.	
H319	Causes serious eye irritation.	
H332	Harmful if inhaled.	
H336	May cause drowsiness or dizziness.	
H370	Causes damage to organs.	

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Full text of H- and EUH-statements:		
H411	Toxic to aquatic life with long lasting effects.	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
STOT SE 1 Specific target organ toxicity – single exposure, Category 1		
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis	

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.