

# Ceramic Spray

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

Date of issue: 7/10/2014 Revision date: 9/14/2015 Supersedes: 7/10/2014

Version: 1.3

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

#### 1.1. Product identifier

Product form : Mixture  
 Article number : 76504  
 Product code : 76504

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

##### 1.2.1. Relevant identified uses

Function or use category : Lubricants, Greases and Release Products

##### 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  
[rjonker@bardahl.nl](mailto:rjonker@bardahl.nl) - [www.bardahl.nl](http://www.bardahl.nl)

#### 1.4. Emergency telephone number

Emergency number : +31 (0) 6 2908 2010  
 During office hours: 8.30 t/m 17:00 h

Country	Organization/Company	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	

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Aerosol, Category 1 H222;H229  
 Skin corrosion/irritation Category 2 H315  
 Specific target organ toxicity (single exposure) Category 3 H336  
 Aspiration hazard Category 1 H304  
 Hazardous to the aquatic environment - Chronic Hazard Category 2 H411

Full text of H statements : see section 16

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



Signal word (CLP) :

Danger

Hazardous ingredients :

pentane, Hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes, Hydrocarbons, C6-C7, n-alkanes, iso alkanes, cycloalkanes, <5% of n-hexane

Hazard statements (CLP) :

H222 - Extremely flammable aerosol  
 H229 - Pressurized container: may burst if heated  
 H315 - Causes skin irritation  
 H336 - May cause drowsiness or dizziness  
 H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (CLP) :

P101 - If medical advice is needed, have product container or label at hand  
 P102 - Keep out of reach of children  
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

# Ceramic Spray

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

P211 - Do not spray on an open flame or other ignition source  
P261 - Avoid breathing vapors, mist  
P251 - Do not pierce or burn, even after use  
P271 - Use only outdoors or in a well-ventilated area  
P280 - Wear protective gloves  
P312 - Call a POISON CENTER or doctor/physician if you feel unwell  
P391 - Collect spillage  
P501 - Dispose of contents/container to a facility for the collection of hazardous or special waste.  
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

Security closing plug for children. : No

Tactile warning : No

### 2.3. Other hazards

Adverse physicochemical, human health and environmental effects : The product has to be labeled due to the calculation procedure of the General Classification guideline for preparations of the EU", DIR.". Harmful : may cause lung damage if swallowed.  
Other hazards. : Without adequate ventilation formation of explosive mixtures is possible.

## SECTION 3: Composition/Information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Isobutane	(CAS No) 75-28-5 (EC no) 200-857-2 (REACH-no) 01-2119485395-27	10 - 20	Flam. Gas 1, H220 Compressed gas, H280
pentane	(CAS No) 109-66-0 (EC no) 203-692-4 (EC index no) 601-006-00-1 (REACH-no) 01-2119459286-30	10 - 20	Flam. Liq. 2, H225 Asp. Tox. 1, H304 STOT SE 3, H336 Aquatic Chronic 2, H411
propane	(CAS No) 74-98-6 (EC no) 200-827-9 (REACH-no) 01-2119486944-21	10 - 20	Flam. Gas 1, H220 Compressed gas, H280
Hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes	(EC no) 927-510-4 (REACH-no) 01-2119475515-33-XXXX	2.5 - 10	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Hydrocarbons, C6-C7, n-alkanes, iso alkanes, cycloalkanes, <5% of n-hexane	(EC no) 921-024-6 (REACH-no) 01-2119475514-35	2.5 - 10	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Butane	(CAS No) 106-97-8 (EC no) 203-448-7 (REACH-no) 01-2119474691-32	2.5 - 10	Flam. Gas 1, H220 Compressed gas, H280

Full text of H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation : Assure fresh air breathing. If you feel unwell, seek medical advice. Allow the victim to rest.  
First-aid measures after skin contact : Wash skin thoroughly with mild soap and water. Remove contaminated clothing immediately.  
First-aid measures after eye contact : Ensure adequate flushing of eyes by separating eyelids with the fingers. Seek medical attention if irritation develops.  
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

Symptoms/injuries : vapours work intoxicating. Headache.

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

No additional information available

# Ceramic Spray

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Powder. Foam. Carbon dioxide.  
Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard : High temperature may liberate toxic gases.  
Explosion hazard : May form flammable/explosive vapor-air mixture.  
Hazardous decomposition products in case of fire : Carbon monoxide. Carbon dioxide.

#### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Avoid (reject) fire-fighting water to enter environment.  
Protection during firefighting : Use self-contained breathing apparatus.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Keep away from sources of ignition - No smoking.

##### 6.1.1. For non-emergency personnel

Emergency procedures : Keep public away from danger area.

##### 6.1.2. For emergency responders

Protective equipment : Wear proper protective equipment.

#### 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 absorbent material (for example sand, sawdust, neutral absorbent granule, silica gel). Ventilate area.

#### 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 : Avoid contact with skin and eyes. Good ventilation of the workplace required. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Container under pressure. Do not drill or burn even after use. Do not expose to temperatures exceeding 50 °C/ 122 °F. Do not spray on an open flame or other ignition source.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a dry, cool place. Government regulations on storing packagings with pressurized containers must be observed.  
Incompatible materials : heat. Direct sunlight.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Isobutane (75-28-5)		
Netherlands	Grenswaarde TGG 8H (ppm)	800 ppm
Netherlands	Grenswaarde TGG 15MIN (ppm)	800 ppm
pentane (109-66-0)		
Austria	MAK (mg/m <sup>3</sup> )	1800 mg/m <sup>3</sup> (Long term value)
Austria	MAK (ppm)	600 ppm (Long term value)
propane (74-98-6)		
EU	IOELV TWA (ppm)	1000 ppm
Netherlands	Grenswaarde TGG 8H (mg/m <sup>3</sup> )	1800 mg/m <sup>3</sup>
Netherlands	Grenswaarde TGG 8H (ppm)	1000 ppm
Netherlands	Suffocating.	
Hydrocarbons, C6-C7, n-alkanes, iso alkanes, cycloalkanes, <5% of n-hexane		
Austria	MAK Short time value (mg/m <sup>3</sup> )	1200 mg/m <sup>3</sup>

# Ceramic Spray

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

Butane (106-97-8)		
Netherlands	Grenswaarde TGG 8H (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
Netherlands	Grenswaarde TGG 8H (ppm)	800 ppm
Netherlands	Grenswaarde TGG 15MIN (mg/m <sup>3</sup> )	3800 mg/m <sup>3</sup>
Netherlands	Grenswaarde TGG 15MIN (ppm)	1000 ppm

### 8.2. Exposure controls

Hand protection	: Recommended thickness of the material: $\geq 0.7$ mm. Penetration time of glove material: $\geq 240$ min. Gloves material: Nitrile. Selection of the glove material on consideration of the penetration times, premeatiegraden and degradation. Refer to manufacturer's information.
Eye protection	: Chemical goggles or safety glasses.
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment. High gas/vapor concentration: gas mask with filter type AX
Other information	: Keep away from food, drink and animal feeding stuffs. Remove contaminated clothing immediately. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Do not breathe gas, fumes, vapour or spray. Avoid contact with skin and eyes.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Aerosol.
Color	: white.
Odor	: Solvent.
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: $> 200$ °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 0.71762 g/cm <sup>3</sup> (20°C)
Solubility	: Practically not miscible. Organic solvent:68.8%
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Explosive vapor/air mixtures may be formed. Product is not explosive.
Oxidizing properties	: No data available
Explosion limits	: No data available

### 9.2. Other information

VOC content	: 493.8 g/l
-------------	-------------

## 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.

# Ceramic Spray

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Aldehyde. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

<b>Isobutane (75-28-5)</b>	
LC50 inhalation rat (mg/l)	> 50 mg/l/4h
<b>pentane (109-66-0)</b>	
LD50 oral rat	> 2000 mg/kg
LC50 inhalation rat (mg/l)	5 mg/l/4h
<b>propane (74-98-6)</b>	
LC50 inhalation rat (mg/l)	20 mg/l/4h
<b>Hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes</b>	
LD50 oral rat	> 5840 mg/kg
LD50 dermal rat	> 2920 mg/kg
LC50 inhalation rat (mg/l)	> 23300 mg/l/4h
<b>Hydrocarbons, C6-C7, n-alkanes, iso alkanes, cycloalkanes, &lt;5% of n-hexane</b>	
LD50 oral rat	> 5840 mg/kg
LD50 dermal rat	> 2920 mg/kg
LC50 inhalation rat (mg/l)	< 25.2 mg/l/4h
<b>Butane (106-97-8)</b>	
LC50 inhalation rat (mg/l)	658 mg/l/4h
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: May be fatal if swallowed and enters airways.

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>pentane (109-66-0)</b>	
LC50 other aquatic organisms 1	4.26 mg/l (Oncorhynchus mykiss 96h)
EC50 Daphnia 1	2.7 mg/l
EC50 other aquatic organisms 1	10.7 mg/l (Pseudokirchneriella subcapitata)
NOEC (acute)	7.51 mg/l (Pseudokirchneriella subcapitata)
<b>Hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes</b>	
EC50 Daphnia 1	3 mg/l
<b>Hydrocarbons, C6-C7, n-alkanes, iso alkanes, cycloalkanes, &lt;5% of n-hexane</b>	
LC50 other aquatic organisms 1	11.4 mg/l (Oncorhynchus mykiss)
EC50 Daphnia 1	3 mg/l (Daphnia magna)
EC50 72h algae [mg/l] 1	30 - 100 mg/l (Pseudokirchneriella subcapitata)
LOEC (chronic)	0.32 mg/l (Daphnia magna)
NOEC (chronic)	0.17 mg/l (Daphnia magna)
<b>Butane (106-97-8)</b>	
LC50 fish 1	680 mg/l (96h)

# Ceramic Spray

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

### 12.2. Persistence and degradability

<b>Isobutane (75-28-5)</b>	
Persistence and degradability	Readily biodegradable.
<b>propane (74-98-6)</b>	
Persistence and degradability	Readily biodegradable.
<b>Butane (106-97-8)</b>	
Persistence and degradability	Readily biodegradable.

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

<b>76504</b>	
Ecology - soil	Prevent entry to sewers and public waters. Endangering to drinking water. In surface also poisonous for fish and plankton. Toxic to aquatic organisms.
<b>Isobutane (75-28-5)</b>	
Ecology - soil	If released into the environment, the product will rapidly disperse into the atmosphere where it will undergo photochemical degradation.
<b>propane (74-98-6)</b>	
Ecology - soil	If released into the environment, the product will rapidly disperse into the atmosphere where it will undergo photochemical degradation.
<b>Butane (106-97-8)</b>	
Ecology - soil	If released into the environment, the product will rapidly disperse into the atmosphere where it will undergo photochemical degradation.

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations	: Prevent entry to sewers and public waters. Dispose in a safe manner in accordance with local/national regulations.
EURLW code	: 15 01 04 - metallic packaging 16 05 04* - gases in pressure containers (including halons) containing dangerous substances

## SECTION 14: Transport information

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

### 14.1. UN number

UN-No. (ADR)	: 1950
UN-No. (IMDG)	: 1950
UN-No. (IATA)	: 1950
UN-No. (ADN)	: Not applicable
UN-No. (RID)	: Not applicable

### 14.2. UN proper shipping name

Proper Shipping Name (ADR)	: AEROSOLS
Proper Shipping Name (IMDG)	: AEROSOLS
Proper Shipping Name (IATA)	: Aerosols, flammable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable
Transport document description (ADR)	: UN 1950 AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS
Transport document description (IMDG)	: UN 1950 AEROSOLS, 2.1, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR)	: 2.1
Hazard labels (ADR)	: 2.1

# Ceramic Spray

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010



### IMDG

Transport hazard class(es) (IMDG) : 2.1

Hazard labels (IMDG) : 2.1



### IATA

Transport hazard class(es) (IATA) : 2.1

Hazard labels (IATA) : 2.1



### ADN

Transport hazard class(es) (ADN) : Not applicable



### RID

Transport hazard class(es) (RID) : Not applicable



#### 14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

#### 14.5. Environmental hazards

Dangerous for the environment : Yes

Marine pollutant : Yes

Other information : No supplementary information available

#### 14.6. Special precautions for user

##### - Overland transport

Classification code (ADR) : 5F

Special provision (ADR) : 190, 327, 344, 625

Limited quantities (ADR) : 1I

Excepted quantities (ADR) : E0

Packing instructions (ADR) : P207, LP02

# Ceramic Spray

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

Special packing provisions (ADR)	: PP87, RR6, L2
Mixed packing provisions (ADR)	: MP9
Transport category (ADR)	: 2
Special provisions for carriage - Packages (ADR)	: V14
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV9, CV12
Special provisions for carriage - Operation (ADR)	: S2
Tunnel restriction code (ADR)	: D

### - Transport by sea

Special provision (IMDG)	: 63, 190, 277, 327, 344, 959
Limited quantities (IMDG)	: SP277
Excepted quantities (IMDG)	: E0
Packing instructions (IMDG)	: P207, LP02
Packing provisions (IMDG)	: PP87, L2
EmS-No. (Fire)	: F-D
EmS-No. (Spillage)	: S-U
Stowage category (IMDG)	: None
Stowage and segregation (IMDG)	: Protected from sources of heat?For AEROSOLS with a maximum capacity of 1 litre: Category A. Segregation as for class 9 but 'Separated from' class 1 except division 1.4.?For AEROSOLS with a capacity above 1 litre: Category B. Segregation as for the appropriate sub-division of class 2.?For WASTE AEROSOLS: Category C. Clear of living quarters. Segregation as for the appropriate sub-division of class 2.

### - Air transport

PCA Excepted quantities (IATA)	: E0
PCA Limited quantities (IATA)	: Y203
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 203
PCA max net quantity (IATA)	: 75kg
CAO packing instructions (IATA)	: 203
CAO max net quantity (IATA)	: 150kg
Special provision (IATA)	: A145, A167
ERG code (IATA)	: 10L

### - Inland waterway transport

No data available

### - Rail transport

No data available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	76504
28. Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as Carcinogen category 1A or 1B (Table 3.1) or Carcinogen category 1 or 2 (Table 3.2) and listed as follows: Carcinogen category 1A (Table 3.1)/Carcinogen category 1 (Table 3.2) listed in Appendix 1 Carcinogen category 1B (Table 3.1)/Carcinogen category 2 (Table 3.2) listed in Appendix 2	76504
29. Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as Germ cell Mutagen category 1A or 1B (Table 3.1) or Mutagen category 1 or 2 (Table 3.2) and listed as follows: Mutagen category 1A (Table 3.1)/Mutagen category 1 (Table 3.2) listed in Appendix 3 Mutagen category 1B (Table 3.1)/Mutagen category 2 (Table 3.2) listed in Appendix 4	76504



# Ceramic Spray

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

30. Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as Toxic to Reproduction category 1A or 1B (Table 3.1) or Toxic to Reproduction category 1 or 2 (Table 3.2) and listed as follows: Reproductive toxicant category 1A adverse effects on sexual function and fertility or on development (Table 3.1) or Reproductive toxicant category 1 with R60 (May impair fertility) or R61 (May cause harm to the unborn child) (Table 3.2) listed in Appendix 5 Reproductive toxicant category 1B adverse effects on sexual function and fertility or on development (Table 3.1) or Reproductive toxicant category 2 with R60 (May impair fertility) or R61 (May cause harm to the unborn child) (Table 3.2) listed in Appendix 6	76504
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	76504

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

VOC content : 493.8 g/l

### 15.1.2. National regulations

#### Germany

VwVwS Annex reference : Water hazard class (WGK) 2, hazardous to water (Classification according to VwVwS, Annex 4)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

#### Netherlands

Waterbevaarlijkheid : 6 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Remediation efforts : A - Basically not discharge; If so, then applying best available techniques.

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

#### Denmark

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product

### 15.2. Chemical safety assessment

No

## SECTION 16: Other information

Indication of changes:

	SDS EU format	Added	
1.2	Function or use category	Added	
2.2	Precautionary statements (CLP)	Modified	
15.2	Chemical safety assessment	Modified	

Abbreviations and acronyms:

# Ceramic Spray

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

### 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-phrases:

Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Asp. Tox. 1	Aspiration hazard Category 1
Compressed gas	Gases under pressure Compressed gas
Flam. Gas 1	Flammable gases Category 1
Flam. Liq. 2	Flammable liquids Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H220	Extremely flammable gas
H222	Extremely flammable aerosol
H225	Highly flammable liquid and vapor
H229	Pressurized container: may burst if heated
H280	Contains gas under pressure; may explode if heated
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects

### SDS EU (REACH Annex II)

*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*