



Safety Data Sheet

According to Regulation (EC) No. 1272/2008 (CLP), as amended by Commission Regulation (EU) 2019/521 and Commission Delegated Regulation (EU) 2020/217, and (EC) No. 1907/2006 (REACH)

Initial preparation date: 10.05.2017

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

1.1 Product identifier

Product Name: Security Coat

Product code: 738, 738G

Additional information: Rev 3

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

Relevant identified uses: Tire Repair Sealer

Uses advised against: Not determined or not applicable.

Reasons why uses advised against: Not determined or not applicable.

1.3 Details of the manufacturer/supplier of the safety data sheet

Manufacturer:

North America

Tech International

200 East Coshocton Street

Johnstown, OH 43031

1-740-967-9015

www.tech-international.com

Supplier:

European Union

Tech International Europe

Koeyleuken 16

2300 Turnhout, Belgium

00 32 1442 3103

techeurope@trc4r.com

1.4 Emergency telephone number:

European Union

CHEMTREC

Brussels +(32) - 28083237

SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No. 1272/2008 (CLP): The substance is not classified as hazardous according to the Globally Harmonized System (GHS).

Hazard-determining components of labeling: None

2.2 Label elements

Hazard pictograms: None

Signal word: None

Hazard statements: None

Precautionary statements: None

2.3 Other hazards: None known

SECTION 3: Composition/information on ingredients

3.1 Substance: Not applicable.

3.2 Mixture:

Identification	Name	Classification according to Regulation (EC) No. 1272/2008 (CLP)	Weight %
CAS number: 1333-86-4 EC number: 215-609-9	Bounded Carbon Black	Not classified	<5

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CAS number: 25322-68-3 EC number: 500-038-2	Poly (ethylene oxide)	Not classified	<1
CAS number: 67-56-1 EC number: 200-659-6	Methanol	Acute Tox. 3; H301 Acute Tox. 3; H311 Acute Tox. 3; H331 Stot SE 1; H370 Flam. Liq. 2; H225	<0.1

Additional information:

Carbon black is classified as a carcinogen only in its respirable form. Since the carbon black in this product is not respirable, the product itself is not classified as a carcinogen in the form presented.

Full Text of H and EUH statements: See section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes:

Show this Safety Data Sheet to the doctor in attendance

Following inhalation:

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If symptoms develop or persist, seek medical advice/attention

Following skin contact:

Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention

Following eye contact:

Rinse eyes with plenty of water for several minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention

Following ingestion:

If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention

4.2 Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:

No significant acute effects

Delayed symptoms and effects:

No significant delayed effects.

4.3 Indication of any immediate medical attention and special treatment needed

Specific treatment:

Not determined or not available.

Notes for the doctor:

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Water mist/fog, carbon dioxide, dry chemical or alcohol resistant foam.

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Unsuitable extinguishing media:

Do not use water jet.

5.2 Special hazards arising from the substance or mixture:

Thermal decomposition can lead to release of irritating gases and vapors.

5.3 Advice for firefighters

Personal protection equipment:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode.

Special precautions:

Avoid contact with skin, eyes, hair and clothing. Do not breathe fumes/gas/mists/aerosols/vapors/dusts. Move containers from fire area if safe to do so. Use water spray/fog for cooling fire exposed containers. Avoid unnecessary run-off of extinguishing media which may cause pollution.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. Wear recommended personal protective equipment (see Section 8). Do not get on skin, eyes or on clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling. Remove contaminated clothing and laundry before reuse.

6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up:

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Avoid breathing dust, mist, fumes, vapors or spray. Stop leak if you can do it without risk. Contain and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

6.4 Reference to other sections:

For personal protective equipment see Section 8. For disposal see Section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:

Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with skin, eyes and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

7.2 Conditions for safe storage, including any incompatibilities:

Store in cool, dry, well-ventilated location out of direct sunlight. Keep away from food and beverages. Protect from freezing and physical damage. Store away from heat, open flames and other sources of

ignition. Keep container tightly sealed. Store away from incompatible materials (See Section 10).

7.3 Specific end use(s):

Refer to Section 1 (Recommended Use).

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SECTION 8: Exposure controls/personal protection



8.1 Control parameters

Only those substances with limit values have been included below.

Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
Slovakia	Poly (ethylene oxide)	25322-68-3	8-hour TWA (NPEL): 1000 mg/m ³
	Bounded Carbon Black	1333-86-4	Regulation No. 355.2006 concerning protection of workers exposed to chemical agents, Annex 1: TWA (NPEL) 2.0 mg/m ³
	Methanol	67-56-1	8-hour TWA (NPEL): 200 ppm (260 mg/m ³)
Slovenia	Poly (ethylene oxide)	25322-68-3	8-hour TWA: 1000 mg/m ³ (inhalable fraction)
	Poly (ethylene oxide)	25322-68-3	STEL: 4000 mg/m ³ (inhalable fraction)
	Methanol	67-56-1	8-hour TWA: 260 mg/m ³ (200 ppm)
Denmark	Poly (ethylene oxide)	25322-68-3	TWA: 1000 mg/m ³
	Bounded Carbon Black	1333-86-4	Exposure Limits for Substances & Materials: TWA 3.5 mg/m ³
	Bounded Carbon Black	1333-86-4	STEL: 7 mg/m ³
Germany	Poly (ethylene oxide)	25322-68-3	AGW Short term (15 min) exposure limit: 8000 mg/m ³ (inhalable fraction)
	Poly (ethylene oxide)	25322-68-3	AGW limit value: 1000 mg/m ³ (inhalable fraction)
	Methanol	67-56-1	AGW limit value: 200 ppm (270 mg/m ³)
Austria	Poly (ethylene oxide)	25322-68-3	MAK STEL: 4000 mg/m ³
	Poly (ethylene oxide)	25322-68-3	TWA: 1000 mg/m ³
Croatia	Bounded Carbon Black	1333-86-4	Dangerous Substances Exposure Limit Values in the Workplace: 3.5 mg/m ³ (8hr); 7.0 mg/m ³ (15 min)
	Methanol	67-56-1	Maximum (8 hr) allowable concentration: 200 ppm (260 mg/m ³)
Cyprus	Bounded Carbon Black	1333-86-4	Control of factory atmosphere and dangerous substances in factories regulation: TWA 3.5 mg/m ³ (8 hr)
Czech Republic	Bounded Carbon Black	1333-86-4	Government Decree 361/2007 Sb.: TWA 2.0 mg/m ³ (8 hr)
	Methanol	67-56-1	8-hour TWA: 250 mg/m ³
	Methanol	67-56-1	Ceiling limit (NPK-P): 1000 mg/m ³

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
Poland	Bounded Carbon Black	1333-86-4	Dz.U.Poz. 817/2014, Annex 1: TWA (NDS) 4.0 mg/m ³ (8 hr)
	Methanol	67-56-1	8-hour TWA (NDS): 100 mg/m ³
	Methanol	67-56-1	15-minute STEL (NDSCh): 300 mg/m ³
Belgium	Bounded Carbon Black	1333-86-4	Exposure Limit Value: TWA 3.5 mg/m ³ (8 hr)
	Methanol	67-56-1	8-hour TWA: 200 ppm (266 mg/m ³)
	Methanol	67-56-1	15-minute STEL: 250 ppm (333 mg/m ³)
Finland	Bounded Carbon Black	1333-86-4	Workplace Exposure Limits: 3.5 mg/m ³ (8 hr); 7.0 mg/m ³ (15 min)
	Methanol	67-56-1	8-hour limit: 200 ppm (270 mg/m ³)
	Methanol	67-56-1	15-minute limit: 250 ppm (330 mg/m ³)
France	Bounded Carbon Black	1333-86-4	Threshold Limit Values (VLEP): Time weighted average (VME) 3.5 mg/m ³
	Methanol	67-56-1	Time weighted average (VME): 200 ppm (260 mg/m ³)
	Methanol	67-56-1	Short term exposure limit: 1000 ppm (1300 mg/m ³)
Greece	Bounded Carbon Black	1333-86-4	Decree 307/1986: TWA 3.5mg/m ³ (8 hr); STEL 7.0 mg/m ³ (15 min)
	Methanol	67-56-1	8-hour TWA: 200 ppm (260 mg/m ³)
	Methanol	67-56-1	15-minute STEL: 250 ppm (325 mg/m ³)
Ireland	Bounded Carbon Black	1333-86-4	2016 Code of Practice for Chemical Agents Regulations 2001: TWA 3.0 mg/m ³ (8 hr) OEL
	Methanol	67-56-1	8-hour OEL (TWA): 200 ppm (260 mg/m ³)
Italy	Bounded Carbon Black	1333-86-4	Legislative Decree n.81: TWA 3.0 mg/m ³ (8 hr)
	Methanol	67-56-1	8-hour TWA: 200 ppm (260 mg/m ³)
Portugal	Bounded Carbon Black	1333-86-4	VLE: 3.5 mg/m ³ (8 hr)
	Methanol	67-56-1	Decree-Law No. 24/2012 8-hour TWA: 200 ppm (260 mg/m ³)
	Methanol	67-56-1	NP 1796-2007 8-hour exposure limit: 200 ppm
	Methanol	67-56-1	NP 1796-2007 Short-term exposure limit: 250 ppm
Spain	Bounded Carbon Black	1333-86-4	VLA: VLA_ED 3.5 mg/m ³ (8 hr)
	Methanol	67-56-1	8-hour daily exposure limit (VLA-ED): 200 ppm (266 mg/m ³)

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
United Kingdom	Bounded Carbon Black	1333-86-4	WEL: TWA 3.5 mg/m ³ ; STEL 7.0 mg/m ³
	Methanol	67-56-1	TWA: 200 ppm (266 mg/m ³)
	Methanol	67-56-1	STEL: 250 ppm (333 mg/m ³)
Sweden	Bounded Carbon Black	1333-86-4	8-hour TWA: 3 mg/m ³
	Methanol	67-56-1	Level Limit Value (NGV): 200 ppm (250 mg/m ³)
	Methanol	67-56-1	Short Term Limit (KTV): 250 ppm (350 mg/m ³)
Bulgaria	Methanol	67-56-1	TWA: 260.0 mg/m ³ (200 ppm)
Estonia	Methanol	67-56-1	8-hour TWA: 200 ppm (250 mg/m ³)
	Methanol	67-56-1	STEL: 250 ppm (350 mg/m ³)
Hungary	Methanol	67-56-1	8-hour TWA (ÁK Value): 260 mg/m ³
Latvia	Methanol	67-56-1	8-hour TWA: 260 mg/m ³ (200 ppm)
Lithuania	Methanol	67-56-1	8-hour TWA: 260 mg/m ³ (200 ppm)
Malta	Methanol	67-56-1	TWA: 200 ppm (260 mg/m ³)
Romania	Methanol	67-56-1	8-hour TWA: 260 mg/m ³ (200 ppm)
European Union	Methanol	67-56-1	IOEL threshold limit: 260 mg/m ³ (200 ppm)
Luxembourg	Methanol	67-56-1	TWA: 200 ppm (260 mg/m ³)
Netherlands	Methanol	67-56-1	Binding 8-hour TWA: 133 mg/m ³

Biological limit values:

No biological exposure limits noted for the ingredient(s).

Derived No Effect Level (DNEL):

Not determined or not applicable.

Predicted No Effect Concentration (PNEC):

Not determined or not applicable.

Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls
Biological monitoring may also be appropriate for some substances

8.2 Exposure controls

Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

Personal protection equipment

Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

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Skin and body protection:

Select glove material impermeable and resistant to the substance. Wear appropriate clothing to prevent any possibility of skin contact. Glove thickness should be typically greater than 0.35 mm depending on the glove make and model. Always seek advice from glove suppliers. For continuous contact we recommend nitrile gloves with breakthrough time of more than 240 minutes with preference for > 480 minutes where suitable gloves can be identified.

Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

Use a European Standard EN149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Comply with the European Standard EN149.

General hygienic measures:

Avoid contact with skin, eyes and clothing.

Wash hands before breaks and at the end of work.

Wash contaminated clothing before reuse.

Environmental exposure controls:

Select controls based on a risk assessment of local conditions.

See section 6 for information on accidental release measures.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Blue/Gray Liquid
Odor	Slight Latex/Ammonia
Odor threshold	Not determined or not available.
pH	Not determined or not available.
Melting point/freezing point	0°C (32°F)
Initial boiling point/range	100°C (212°F)
Flash point (closed cup)	Not determined or not available.
Evaporation rate	<1 (n-Butyl acetate = 1)
Flammability (solid, gas)	Not determined or not available.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	Not determined or not available.
Vapor density	Not determined or not available.
Density	Not determined or not available.
Relative density	0.98
Solubilities	Miscible in water.
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	Not determined or not available.
Decomposition temperature	Not determined or not available.
Dynamic viscosity	Not determined or not available.
Kinematic viscosity	270 cm ² /s (room temperature) [27,000 cps]
Explosive properties	Not determined or not available.
Oxidizing properties	Not determined or not available.

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9.2 Other information

VOC	0.7 g/L
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SECTION 10: Stability and reactivity

10.1 Reactivity:

Does not react under normal conditions of use and storage.

10.2 Chemical stability:

Stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions:

None under normal conditions of use and storage.

10.4 Conditions to avoid:

None known.

10.5 Incompatible materials:

None known.

10.6 Hazardous decomposition products:

None known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data:

Name	Route	Result
Bounded Carbon Black	oral	LD50 Rat: >15,400 mg/kg
	dermal	LD50 Rabbit: >3000 mg/kg
Methanol	oral	LDLo - Human - 143 mg/kg
	dermal	LDLo - Monkey - 393 mg/kg
	inhalation	LCLo - Mouse - 64,000 ppm/4 h

Skin corrosion/irritation

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Serious eye damage/irritation

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Respiratory or skin sensitization

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

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Carcinogenicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data:

Name	Species	Result
Bounded Carbon Black	Not applicable	The IARC carcinogenic classification and California Proposition 65 Warning only apply to airborne, unbound particles of respirable size of Carbon Black.
	Not applicable.	The carcinogenic classification only applies to airborne, unbound particles of respirable size.

International Agency for Research on Cancer (IARC):

Name	Classification
Bounded Carbon Black	Group 2B - Possibly carcinogenic to humans

National Toxicology Program (NTP): None of the ingredients are listed.

Germ cell mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Reproductive Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Specific target organ toxicity (single exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data:

Name	Result
Poly (ethylene oxide)	May cause respiratory irritation to organs through single exposure.
Methanol	Component affects the optic nerve.

Specific target organ toxicity (repeated exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Information on likely routes of exposure:

No data available.

Symptoms related to the physical, chemical and toxicological characteristics:

Refer to Section 4 of this SDS.

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Other information:

No data available.

SECTION 12: Ecological information

12.1 Toxicity

Acute (short-term) toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Chronic (long-term) toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

12.2 Persistence and degradability

Product data: No data available.

Substance data:

Name	Result
Bounded Carbon Black	The substance will not be biodegraded.

12.3 Bioaccumulative potential

Product data: No data available.

Substance data:

Name	Result
Bounded Carbon Black	Bioaccumulation is not expected to occur.

12.4 Mobility in soil

Product data: No data available.

Substance data: No data available.

12.5 Results of PBT and vPvB assessment

PBT assessment:

Bounded Carbon Black	This substance is not PBT.
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vPvB assessment:

Bounded Carbon Black	This substance is not vPvB.
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12.6 Other adverse effects: No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Relevant information:

Consult with EU Directive 2008/98/EC for the classifications of hazardous waste prior to disposal. Furthermore, consult with your regional, national or European waste requirements or guidelines, if applicable, to ensure compliance. Final decisions on the appropriate waste management method, in line with regional, national and European legislation, remains the responsibility of the waste treatment operator

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SECTION 14: Transport information

International Carriage of Dangerous Goods by Road/Rail (ADR/RID)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Carriage of Dangerous Goods by Inland Waterways (ADN)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Maritime Dangerous Goods (IMDG)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Bulk Name	None
Ship type	None
Pollution category	None

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SECTION 15: Regulatory information

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

European regulations

Inventory listing (EINECS):

25322-68-3	Poly (ethylene oxide)	Not Listed
1333-86-4	Bounded Carbon Black	Listed
67-56-1	Methanol	Listed

REACH SVHC candidate list: None of the ingredients are listed.

REACH SVHC Authorizations: None of the ingredients are listed.

REACH Restriction:

67-56-1	Methanol	Listed
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Water hazard class (WGK) (Product): Not determined.

Water hazard class (WGK) (Substance):

Ingredient Name	CAS	Class
Bounded Carbon Black	1333-86-4	Non-hazardous to water.
Poly (ethylene oxide)	25322-68-3	1
Methanol	67-56-1	2

Other regulations

Germany TA Luft: None of the ingredients are listed.

Germany MAK: Methanol: 8-hour TWA: 200 ppm (270 mg/m³), Poly (ethylene oxide): 8-hour TWA: 200 mg/m³

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: Other information

Indication of changes:

September 14, 2020: Reviewed/updated to comply with the 12th and 14th Adaptations to Technical Progress (ATP) of the CLP Regulation. No significant changes

Abbreviations and Acronyms: None

Classification procedure:

Classification according to Regulation (EC) No. 1272/2008 (CLP)	Method Used
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Summary of classification(s) in section 3:

Acute Tox. 3; H301	Acute toxicity (oral), category 3
Acute Tox. 3; H311	Acute toxicity (dermal), category 3
Acute Tox. 3; H331	Acute toxicity (inhalation), category 3
Stot SE 1; H370	Specific target organ toxicity - single exposure, category 1
Flam. Liq. 2; H225	Flammable liquids, category 2

Summary of hazard statements in section 3:

H301	Toxic if swallowed
H311	Toxic in contact with skin
H331	Toxic if inhaled
H370	Causes damage to organs
H225	Highly flammable liquid and vapour

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Security Coat

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This product has been classified in accordance with EC No. 1272/2008 (CLP), as amended by Commission Regulation (EU) 2019/521 and Commission Delegated Regulation (EU) 2020/217, and EC No. 1907/2006 (REACH). The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation, and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

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End of Safety Data Sheet