



Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.05.2017

Page 1 of 12

Revision date: 02.02.2018

Security Coat

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 2.0

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

Supplier:

United Kingdom

Tech International Europe
15 Ballinderry Road
Lisburn, BT28 2SA, UK
0044 2892 665721
info@techeurope.co.uk

1.4 Emergency telephone number:

European Union

CHEMTREC

UK (London) +(44)-870-8200418

Poland (Warsaw) +(48)-223988029

Sweden (Stockholm) +(46)-852503403

SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No1278/2008 (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) No1278/2008 (CLP)	Weight %
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Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.05.2017

Page 2 of 12

Revision date: 02.02.2018

Security Coat

CAS number: 1333-86-4	Bounded Carbon Black	Not classified	0.1-0.2
CAS number: 67-56-1	Methanol	Acute Tox. 3; H301 Acute Tox. 3; H311 Acute Tox. 3; H331 Stot SE 1; H370 Flam. Liq. 2; H225	<0.1
CAS number: 25322-68-3	Poly (ethylene oxide)	Stot SE 3; H335	<0.03

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:

Not determined or not available.

Following inhalation:

Loosen clothing as necessary and position individual in a comfortable position

Maintain an unobstructed airway

Get medical advice/attention if you feel unwell

Following skin contact:

Rinse affected area with soap and water

If symptoms develop or persist, seek medical attention

Following eye contact:

Rinse/flush exposed eye(s) gently using water for 15-20 minutes

If symptoms develop or persist, seek medical attention

Following ingestion:

Rinse mouth thoroughly

Seek medical attention if irritation, discomfort, or vomiting persists

4.2 Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:

Not determined or not available.

Delayed symptoms and effects:

Not determined or not available.

4.3 Indication of any immediate medical attention and special treatment needed

Specific treatment:

Not determined or not available.

Notes for the doctor:

Not determined or not available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition.

Unsuitable extinguishing media:

Not determined or not applicable.

Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.05.2017

Page 3 of 12

Revision date: 02.02.2018

Security Coat

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:

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit.

Special precautions:

Not determined or not applicable.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation.

Ensure air handling systems are operational.

Wear protective eye wear, gloves and clothing.

6.2 Environmental precautions:

Should not be released into the environment.

Prevent from reaching drains, sewer or waterway.

6.3 Methods and material for containment and cleaning up:

Wear protective eye wear, gloves and clothing.

Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders).

Dispose of contents / container in accordance with local regulations.

6.4 Reference to other sections:

Not determined or not applicable.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:

Use only with adequate ventilation.

Avoid breathing mist or vapor.

Do not eat, drink, smoke or use personal products when handling chemical substances.

7.2 Conditions for safe storage, including any incompatibilities:

Keep container tightly sealed.

Protect from freezing and physical damage.

Store in a cool, well-ventilated area.

7.3 Specific end use(s):

Not determined or not applicable.

SECTION 8: Exposure controls/personal protection



8.1 Control parameters

Only those substances with limit values have been included below.

Occupational Exposure limit values:

Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.05.2017

Page 4 of 12

Revision date: 02.02.2018

Security Coat

Country (Legal Basis)	Substance	Identifier	Permissible concentration
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
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
Slovakia	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)
	Poly (ethylene oxide)	25322-68-3	8-hour TWA (NPEL): 1000 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)
Denmark	Bounded Carbon Black	1333-86-4	Exposure Limits for Substances & Materials: TWA 3.5 mg/m ³
	Poly (ethylene oxide)	25322-68-3	TWA: 1000 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)

Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.05.2017

Page 5 of 12

Revision date: 02.02.2018

Security Coat

Country (Legal Basis)	Substance	Identifier	Permissible concentration
	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)
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)
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)
Slovenia	Methanol	67-56-1	8-hour TWA: 260 mg/m ³ (200 ppm)
	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)
European Union	Methanol	67-56-1	IOEL threshold limit: 260 mg/m ³ (200 ppm)
Germany	Methanol	67-56-1	AGW limit value: 200 ppm (270 mg/m ³)

Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.05.2017

Page 6 of 12

Revision date: 02.02.2018

Security Coat

Country (Legal Basis)	Substance	Identifier	Permissible concentration
	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)
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
Sweden	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)

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.

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.

Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.05.2017

Page 7 of 12

Revision date: 02.02.2018

Security Coat

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)
Explosive properties	Not determined or not available.
Oxidizing properties	Not determined or not available.

9.2 Other information

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.

Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.05.2017

Page 8 of 12

Revision date: 02.02.2018

Security Coat

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
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.

Carcinogenicity

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

Product data: No data available.

Substance data: No data available.

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.

Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.05.2017

Page 9 of 12

Revision date: 02.02.2018

Security Coat

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:

No data available.

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

Product data: No data available.

Substance data: No data available.

12.2 Persistence and degradability

Product data: No data available.

Substance data: No data available.

12.3 Bioaccumulative potential

Product data: No data available.

Substance data: No data available.

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: This product does not contain any substances that are assessed to be a PBT.

vPvB assessment: This product does not contain any substances that are assessed to be a vPvB.

12.6 Other adverse effects: No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Relevant information:

Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.05.2017

Page 10 of 12

Revision date: 02.02.2018

Security Coat

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

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	
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	
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	
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	
Special precautions for user	None

SECTION 15: Regulatory information

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

European regulations

Inventory listing (EINECS):

Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.05.2017

Page 11 of 12

Revision date: 02.02.2018

Security Coat

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

REACH SVHC candidate list: Not determined.

REACH SVHC Authorizations: Not determined.

REACH Restriction: Not determined.

Water hazard class (WGK) (Product): Not determined.

Water hazard class (WGK) (Substance): Not determined.

Other regulations

Germany MAK: Poly (ethylene oxide): 8-hour TWA: 1000 mg/m³, Methanol: 8-hour TWA: 200 ppm (270 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:

Not applicable.

Abbreviations and Acronyms: None

Classification procedure:

Classification according to Regulation (EC) No1278/2008 (CLP)	Method Used
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Summary of classification 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
Stot SE 3; H335	Specific target organ toxicity - single exposure, category 3, respiratory irritation

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
H335	May cause respiratory irritation

Disclaimer:

This product has been classified in accordance with EC 1272/2008 (CLP) and EC 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.

NFPA: 1-0-0

HMIS: 1-0-0

Initial preparation date: 10.05.2017

Revision date: 02.02.2018

Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.05.2017

Page 12 of 12

Revision date: 02.02.2018

Security Coat

End of Safety Data Sheet