



Safety Data Sheet

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

Initial preparation date: 06.29.2016

Page 1 of 11

Tire Talc

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

1.1 Product identifier

Product Name: Tire Talc

Product code: 706-1

Additional information: Rev 1.0

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

Relevant identified uses: Tire and tube lubricant

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) 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 %

Safety Data Sheet

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

Initial preparation date: 06.29.2016

Page 2 of 11

Tire Talc

CAS number: 14807-96-6	Talc	Not classified	50-60
CAS number: 546-93-0	Magnesium carbonate	Not classified	35-45

Additional information: None

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.

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:

Carbon monoxide and carbon dioxide may form upon combustion.

Heating causes a rise in pressure, risk of bursting and combustion.

Safety Data Sheet

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

Initial preparation date: 06.29.2016

Page 3 of 11

Tire Talc

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.
Sweep or scoop up solid material while minimizing dust generation.
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 dust.
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.
Keep container dry.
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:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
Bulgaria	Talc	14807-96-6	TWA: 6.0 mg/m ³ (inhalable fraction)
	Talc	14807-96-6	TWA: 3.0 mg/m ³ (respirable fraction)
	Magnesium carbonate	546-93-0	TWA: 8.0 mg/m ³ (inhalable fraction)
	Magnesium carbonate	546-93-0	TWA: 3.0 mg/m ³ (respirable fraction)
	Magnesium carbonate	546-93-0	TWA: 1.0 mg/m ³ (fibrous particles, respirable fraction)

Safety Data Sheet

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

Initial preparation date: 06.29.2016

Page 4 of 11

Tire Talc

Country (Legal Basis)	Substance	Identifier	Permissible concentration
Croatia	Talc	14807-96-6	Maximum (8 hr) allowable concentration: 1 mg/m ³ (respirable dust)
	Magnesium carbonate	546-93-0	Maximum (8 hr) allowable concentration: 10 mg/m ³ (total dust)
	Magnesium carbonate	546-93-0	Maximum (8 hr) allowable concentration: 4 mg/m ³ (respirable dust)
Cyprus	Talc	14807-96-6	8-hour TWA: 706 particles/cm ³
Czech Republic	Talc	14807-96-6	8-hour TWA: 2.0 mg/m ³ (dust, respirable fraction, Fr ≤ 5%)
	Talc	14807-96-6	8-hour TWA: 10 mg/m ³ (dust, respirable fraction, Fr > 5%)
	Talc	14807-96-6	8-hour TWA: 10 mg/m ³ (dust, total concentration)
	Talc	14807-96-6	8-hour TWA: 5.0 mg/m ³ (polymeric material dust)
Estonia	Talc	14807-96-6	8-hour TWA: 10 mg/m ³ (total dust)
	Talc	14807-96-6	8-hour TWA: 5 mg/m ³ (fine dust)
	Talc	14807-96-6	8-hour TWA: 3 mg/m ³ (plastic)
	Talc	14807-96-6	8-hour TWA: 1 mg/m ³ (textile)
	Talc	14807-96-6	8-hour TWA: 5 mg/m ³ (organic dust, total dust)
Hungary	Talc	14807-96-6	8-hour TWA (ÁK Value): 2 mg/m ³ (respirable)
	Talc	14807-96-6	8-hour TWA (ÁK Value): 10 mg/m ³ (total, inhalable)
Latvia	Talc	14807-96-6	8-hour TWA: 4 mg/m ³ (tuff, pumice, perlite)
	Talc	14807-96-6	8-hour TWA: 2 mg/m ³ (natural and synthetic)
	Talc	14807-96-6	8-hour TWA: 5 mg/m ³ (polymers)
	Talc	14807-96-6	8-hour TWA: 2 mg/m ³ (abrasive dusts)
	Talc	14807-96-6	8-hour TWA: 4 mg/m ³ (tal-like dust)
Lithuania	Talc	14807-96-6	8-hour TWA: 2 mg/m ³ (inhalable fraction)
	Talc	14807-96-6	8-hour TWA: 1 mg/m ³ (respirable fraction)
	Magnesium carbonate	546-93-0	8-hour TWA: 10 mg/m ³
Poland	Talc	14807-96-6	8-hour TWA (NDS): 4 mg/m ³ (inhalable fraction)
	Talc	14807-96-6	8-hour TWA (NDS): 1 mg/m ³ (respirable fraction)
Romania	Talc	14807-96-6	8-hour TWA: 2 mg/m ³ (inhalable fraction)
Slovakia	Talc	14807-96-6	8-hour TWA (NPEL): 2 mg/m ³ (respirable fraction, Fr ≤ 5%)

Safety Data Sheet

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

Initial preparation date: 06.29.2016

Page 5 of 11

Tire Talc

Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Talc	14807-96-6	8-hour TWA: 2 mg/m ³ (respirable fraction, Fr > 5 %)
	Magnesium carbonate	546-93-0	8-hour TWA (NPEL): 10 mg/m ³
Slovenia	Talc	14807-96-6	8-hour TWA: 2 mg/m ³ (Respirable fraction)
Belgium	Talc	14807-96-6	8-hour TWA: 2 mg/m ³
	Talc	14807-96-6	8-hour TWA: 10 mg/m ³ (inhalable fraction)
	Talc	14807-96-6	8-hour TWA: 3 mg/m ³ (respirable fraction)
	Magnesium carbonate	546-93-0	8-hour TWA: 10 mg/m ³
Finland	Talc	14807-96-6	15-minute limit: 2 ppm (inhalable)
	Talc	14807-96-6	15-minute limit: 1 ppm (respirable)
	Magnesium carbonate	546-93-0	8-hour limit: 10 mg/m ³
France	Talc	14807-96-6	Time weighted average (VME): 10 mg/m ³ (inhalable fraction)
	Talc	14807-96-6	Time weighted average (VME): 5 mg/m ³ (respirable fraction)
	Magnesium carbonate	546-93-0	Time weighted average (VME): 10 mg/m ³
Germany	Talc	14807-96-6	AGW Limit value: 1.25 mg/m ³ (respirable fraction)
	Talc	14807-96-6	AGW limit value: 10 mg/m ³ (inhalable fraction)
Greece	Talc	14807-96-6	AGW Short term (15 min) exposure limit: 20 mg/m ³ (inhalable fraction)
	Talc	14807-96-6	8-hour TWA: 10 mg/m ³ (inhalable)
	Talc	14807-96-6	8-hour TWA: 2 mg/m ³ (respirable)
Ireland	Talc	14807-96-6	8-hour OEL (TWA): 10 mg/m ³ (total inhalable dust)
	Talc	14807-96-6	8-hour OEL (TWA): 0.8 mg/m ³ (respirable fraction)
Italy	Talc	14807-96-6	8-hour TWA: 2 mg/m ³ (respirable fraction)
Netherlands	Talc	14807-96-6	8-hour TWA: 0.25 mg/m ³ (respirable)
Spain	Talc	14807-96-6	8-hour daily exposure limit (VLA_ED): 2 mg/m ³ (respirable fraction)
Sweden	Talc	14807-96-6	Level Limit Value (NGV): 2 mg/m ³ (total dust)
	Talc	14807-96-6	Level Limit Value (NGV): 1 mg/m ³ (respirable dust)
United Kingdom	Talc	14807-96-6	TWA: 1 mg/m ³ (respirable dust)
	Magnesium carbonate	546-93-0	TWA: 10 mg/m ³ (inhalable dust)
	Magnesium carbonate	546-93-0	TWA: 4 mg/m ³ (respirable dust)

Safety Data Sheet

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

Initial preparation date: 06.29.2016

Page 6 of 11

Tire Talc

Country (Legal Basis)	Substance	Identifier	Permissible concentration
Portugal	Talc	14807-96-6	NP 1796-2007 8-hour exposure limit: 2 mg/m ³ (respirable fraction)

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.

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	Grayish-White Powder
Odor	Slight Earthly Odor

Safety Data Sheet

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

Initial preparation date: 06.29.2016

Page 7 of 11

Tire Talc

Odor threshold	Not determined or not available.
pH	Slightly Alkaline
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	Not determined or not available.
Flash point (closed cup)	Not determined or not available.
Evaporation rate	Not determined or not available.
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	2.7-2.8
Solubilities	Not determined or not available.
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	Not determined or not available.
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.

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: No data available.

Skin corrosion/irritation

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

Safety Data Sheet

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

Initial preparation date: 06.29.2016

Page 8 of 11

Tire Talc

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
Talc	Group 3 - Not classifiable as to its carcinogenicity 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: No data available.

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.

Safety Data Sheet

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

Initial preparation date: 06.29.2016

Page 9 of 11

Tire Talc

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:

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	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

Safety Data Sheet

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

Initial preparation date: 06.29.2016

Page 10 of 11

Tire Talc

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

SECTION 15: Regulatory information

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

European regulations

Inventory listing (EINECS):

14807-96-6	Talc	Listed
546-93-0	Magnesium carbonate	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.

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) No. 1272/2008 (CLP)	Method Used
---	-------------

Safety Data Sheet

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

Initial preparation date: 06.29.2016

Page 11 of 11

Tire Talc

Disclaimer:

This product has been classified in accordance with EC No. 1272/2008 (CLP) 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.

NFPA: 1-0-0

HMIS: 1-0-0

Initial preparation date: 06.29.2016

End of Safety Data Sheet