



SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

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

1.1 Product identifier

02079 Pure Shine Tire Coating

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

Relevant identified uses: car tires care product.

Uses advises against: not determined.

1.3 Details of the supplier of the safety data sheet

Supplier: **Nowy Samochód S.A.**

Address: ul. Zbyszka Cybulskiego 3, 00-725 Warsaw, Poland

Telephone/Fax: +48 602-444-356

E-mail: info@soft99.pl

E-mail address for a competent person responsible for sds: biuro@theta-doradztwo.pl

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Product is not classified as hazardous for the human life and health and for the environment.

2.2 Label elements

Hazard pictograms and signal words

None.

Names of substances mentioned on label

None.

Hazard statements

None.

Precautionary statements

None.

2.3 Other hazards

Substances contained in the product do not meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

ethanol

Concentration range: 1-2%

CAS number: 64-17-5

EC number: 200-578-6



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Index number: 603-002-00-5
Registration number: -
Classification: Flam. Liq. 2 H225
ethylene glycol
Concentration range: 1-2%
CAS number: 107-21-1
EC number: 203-473-3
Index number: 603-027-00-1
Registration number: -
Classification: Acute Tox. 4 H302
Substance with occupational exposure limits defined on the EU level.
polyoxyethylene alkyl ether,
Concentration range: 1,4%
CAS number: -
EC number: -
Index number: -
Registration number: -
Classification: Acute Tox. 4 H302, Eye Irrit. 2 H319, Skin Irrit. 2 H315
propan-1-ol
Concentration range: 0,1-0,5%
CAS number: 71-23-8
EC number: 200-746-9
Index number: 603-003-00-0
Registration number: -
Classification: Flam. Liq. 2 H225, Eye Dam. 1 H318, STOT SE 3 H336
Full text of each relevant H phrase is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes and wash it before reuse. Wash contaminated skin thoroughly with water and soap. Consult a doctor if disturbing symptoms occur.

Eye contact: remove contact lenses. Rinse contaminated eyes with water for a few minutes. Avoid strong stream of water – risk of damage of the cornea. Contact an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms occur.

Inhalation: remove the victim to fresh air. Keep warm and calm. Consult a doctor, if disturbing symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: possible redness, dryness, skin cracking, defatting.

Eye contact: possible redness, tearing, burning sensation.

Ingestion: possible abdominal pains, nausea, vomiting, diarrhoea.

Inhalation: high concentration of vapours may cause irritation of mucous membranes of eyes and respiratory tract.



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4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured.
Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: extinguishing powder, alcohol resistant extinguishing foam, carbon dioxide, water spray. Adjust extinguishing media to the materials stored in the product vicinity.

Unsuitable extinguishing media: water jet – risk of propagation of flame.

5.2 Special hazards arising from the substance or mixture

During combustion harmful gases consisting of carbon oxides and other unidentified products of thermal decomposition may be produced. Do not inhale combustion products, it may cause health risk.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water spray from the safe distance. Do not let extinguishing water to reach drainage system, ground and surface waters.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. Ensure that removing the problem and its results is conducted by a trained personnel only. In case of large spills, isolate the exposed area. Avoid eyes and skin contamination. Do not inhale product vapours. Ensure adequate ventilation. Wear adequate personal protective equipment.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Put damaged container in a tight protective container. Collect product using liquid binding materials (eg. sand, earth, universal binding substances, silica, vermiculite etc.) and place it in correctly labelled containers. Treat collected material as waste. Clean residues using water with mild detergent and ventilate contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke during work. Wear personal protective equipment. Avoid eyes and skin contamination. Do not inhale product vapours. Ensure adequate ventilation. Wash hands before breaks and after work. Keep unused containers tightly sealed.

7.2 Conditions for safe storage, including any incompatibilities

Store only in original, tightly closed containers in a dry, cool and well ventilated place. Keep away from food, foodstuffs, animal feed and incompatible materials (see subsection 10.5). Opened container should be resealed and stored upright to prevent leakage. Store away from sources of ignition and direct sunlight. Kept from frost. Recommended storage temperature: below 40°C.

7.3 Specific end use(s)

No information about uses other than mentioned in subsection 1.2.



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Section 8: Exposure controls/personal protection

8.1 Control parameters

Specification	TWA 8 hour	STEL 15 min
ethylene glycol [CAS 107-21-1]	52 mg/m ³	104 mg/m ³

The table above shows the maximum workplace concentration values at the EU level.

Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2006/15/EC, 2000/39/EC, 2009/161/EC, 2017/164/EU.

Recommended control procedures

Procedures concerning the control over the dangerous components concentrations in the air and control over the air quality in the workplace – if they are available and justified for the position – in accordance with the European Standards, with the conditions within the exposure place and a proper test methodology adapted to the working conditions.

8.2 Exposure controls

Observe good occupational hygiene and safety practices. The local exhaust ventilation is preferred, because it removes impurities from the place of their formation, preventing them from spreading. Do not eat, drink or smoke when using the product. Wash hands before breaks and after work.

Hand protection

Use adequate protective gloves in case of direct contact with the product. Select the material for the gloves individually at the workplace. Wear protective clothing adequate to the performed task.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed information regarding the exact breakthrough time. This information should be followed

Eye protection

Use tightly fitting protective glasses if there is a risk of eye contamination.

Respiratory protection

Respiratory protection is not required when product is used as intended.

Personal protective equipment must meet requirements of Regulation 2016/425/EU. Employer is obliged to ensure equipment adequate to activities carried out, with quality demands, cleaning and maintenance.

Environmental exposure controls

Avoid release to the environment, do not enter the sewage system. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid
colour:	white
odour:	by product range
odour threshold:	not determined
pH:	6,0±1,0 (25°C)
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	> 60 °C
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined



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vapour density:	not determined
density:	1,01 (25°C)
solubility(ies):	soluble in water
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not determined
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional test results.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. It does not undergo hazardous polymerization. See also subsections 10.3 and 10.5

10.2 Chemical stability

The product is stable during handling and storage.

10.3 Possibility of hazardous reactions

Not known.

10.4 Conditions to avoid

Avoid direct sunlight.

10.5 Incompatible materials

Not known.

10.6 Hazardous decomposition products

There are no hazardous decomposition products when product is stored and used as recommended.

Section 11: Toxicological information

11.1 Information on toxicological effects

Information regarding acute and/or delayed results of the exposure was defined on the basis of the information on product's classification and/or toxicological studies as well as the experience and knowledge of the manufacturer.

Toxicity of components

ethanol (CAS 64-17-5)

Oral: LD₅₀ 6 200 mg/kg (rat)
Inhalation LD₅₀ 20 000ppm/10h (rat)

propan-1-ol (CAS 71-23-8)

Oral: LD₅₀ 1 970 mg/kg (rat)
Skin: LD₅₀ 20 000mg/kg (rabbit)

ethylene glycol (CAS 107-21-1)

Oral: LD₅₀ 4 000 mg/kg (rat)
Skin: LD₅₀ 10 600 mg/kg (rat)

Toxicity of mixture

Acute Toxicity

ATE_{mix} (oral) > 2000 mg/kg

ATE_{mix} value was calculated using relevant converted acute toxicity point estimate included in 3.1.2 table from Regulation 1272/2008/EC as amended.

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

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Respiratory or skin sensitization

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

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

Section 12: Ecological information

12.1 Toxicity

Toxicity of components

ethanol (CAS 64-17-5)

Toxicity to daphnia EC₅₀ 5 463,9 mg/l

ethylene glycol (CAS 107-21-1)

Toxicity to fish LC₅₀ /96h 47 000 µg/l

propan-1-ol (CAS 71-23-8)

Toxicity to fish LC₅₀ /96h >100 mg/l

Toxicity of mixture

Product is not classified as hazardous for environment.

12.2 Persistence and degradability

No data for the mixture.

12.3 Bioaccumulative potential

Bioaccumulation is not expected.

12.4 Mobility in soil

Mobility of components of the mixture depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Substances contained in the product do not meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Other adverse effects

Product is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).



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Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the mixture: disposal in accordance with the local legislation. Store residues in original containers. Do not empty into drains. Waste code should be assigned in place of formation.

Disposal methods for used packing: reuse/recycle/liquidate empty containers in accordance with the local legislation. Only completely empty packing can be recycled.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN Number

Not applicable – product is not classified as dangerous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

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

Not applicable.

Section 15: Regulatory information

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

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).

Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.

Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.



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Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Abbreviations and acronyms

Flam. Liq. 2	Flammable liquid category 2
Acute Tox. 4	Acute Toxicity category 4
Eye Dam. 1	Serious eye damage category 1
STOT SE 3	Specific target organ toxicity – single exposure category 3
Skin Irrit. 2	Skin irritation category 2
Eye Irrit. 2	Eye Irritation category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance
TWA	Time Weighted Average
STEL	Short-Term Exposure Limits

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and sources of data

This SDS was prepared on the basis of SDS of producer, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Procedures used to classify the mixture in accordance with Reg. EC 1272/2008

Classification was based on data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Additional information

Date of update:	05.06.2019
Version:	2.0/EN
Composed by:	mgr Alicja Włodarska (on the basis of producer's data)
Safety Data Sheet made by:	„THETA” Technical Consulting

This SDS replaces and cancels all its previous versions

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.