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

10322 FINISHING COMPOUND

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

Relevant identified uses: cleaning agent for varnish. For professional use.

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

Skin Sens.1 H317, **STOT RE 2** H373, **Aquatic Chronic 2** H411

May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms and signal words

WARNING

Names of substances mentioned on label

Contains: pin-2(3)-ene.

Hazard statements

H317	May cause an allergic skin reaction.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements

P260	Do not breathe mist/vapours/spray.
P273	Avoid release to the environment.
P302+P352	IF ON SKIN: Wash with plenty of water with soap.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P501	Dispose of contents/container to properly labeled waste containers in accordance with national regulations.

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

aluminium oxide

Concentration range:	10-20 %
CAS number:	1344-28-1
EC number:	215-691-6
Index number:	-
Registration number:	-
Classification:	substance is not classified as hazardous

distillates (petroleum), hydrotreated light paraffinic

Concentration range:	1-10 %
CAS number:	64742-55-8
EC number:	265-158-7
Index number:	649-468-00-3
Registration number:	-
Classification:	substance is not classified as hazardous*

* the classification, taking into account the note L; contains less than 3 % by weight of DMSO (IP 346).

kerosine (petroleum), hydrodesulfurized

Concentration range:	1-10 %
CAS number:	64742-81-0
EC number:	265-184-9
Index number:	649-423-00-8
Registration number:	-
Classification:	Asp. Tox. 1 H304

pin-2(3)-ene

Concentration range:	1-5 %
CAS number:	80-56-8
EC number:	201-291-9
Index number:	-
Registration number:	-
Classification:	Flam. Liq. 3 H226, Skin Irrit. 2 H315, Skin Sens. 1B H317, STOT RE 1 H372, Aquatic Acute 1 H400 (M=1), Aquatic Chronic 1 H410 (M=1)

2,2'-iminodiethanol

Concentration range:	< 1 %
CAS number:	111-42-2
EC number:	203-868-0
Index number:	603-071-00-1
Registration number:	-
Classification:	Acute Tox. 4 H302, Skin Irrit. 2 H315, Eye Dam. 1 H318, STOT RE 2 H373

titanium dioxide

Concentration range:	< 1 %
CAS number:	13463-67-7
EC number:	236-675-5
Index number:	-
Registration number:	-
Classification:	substance is not classified as hazardous.

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: wash contaminated skin thoroughly with water and soap for at least 15 min. Take off contaminated clothes and wash it before reuse. Consult a doctor if disturbing symptoms occur.

Eye contact: remove contact lenses. Rinse contaminated eyes with water for at least 15 minutes. Avoid strong stream of water – risk of damage of the cornea. Contact an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. 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, allergic reactions.

Eye contact: possible redness, tearing.

Ingestion: possible abdominal pains, nausea, vomiting.

Inhalation: cough, temporary headache in case of exposure to high concentration of vapours.

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. Treat symptomatically.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: extinguishing powder, carbon dioxide. Adapt the extinguishing media to surrounding materials.

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 thermal decomposition products 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. Cool endangered containers with water fog from a 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. Ensure adequate ventilation. Avoid inhalation of vapours. Wear 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. Secure sewers, water installaions and entrances to basements and other closed areas.

6.3 Methods and material for containment and cleaning up

Place the damaged packaging in an emergency container. Absorb the leakage with liquid-binding material (e.g. sand, earth, vermiculite, universal binding agents, silica, vermiculite etc.) and transfer to appropriate waste containers. Treat collected material as a waste. Rinse off the residues with water and mild detergent. Ventilate the contaminated area.

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. Avoid eyes and skin contamination. Avoid inhalation of vapours. Ensue adequate ventillation. Wash hands before breaks and after work. Keep the unused containers tightly closed.

7.2 Conditions for safe storage, including any incompatibilities

Store only in original, tightly sealed containers in a cool, dry and well-ventilated area. Store away from food and feed for animals. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store with incompatible materials (see subsection 10.5)

7.3 Specific end use(s)

Cleaning preparation.

Section 8: Exposure controls/personal protection

8.1 Control parameters

There are no occupational exposure limit values at working place for the substances present in the mixture at the Europen Union level.

Legal basis: Commission Directive 2006/15/EC, 2000/39/EC, 2009/161/EC, 2017/164/EU, 2019/1831/EU.

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

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 (resistant to organic solvents e.g. vinyl) in case of direct contact with the product. Select the material for the gloves individually at the workplace. Wear protective clothing.

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 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 environment contamination, do not empty into drains. Possible emissions from the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	viscous liquid
colour:	white
odour:	characteristic
odour threshold:	not determined
pH (25°C):	ca. 8,8
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
relative density (25°C):	ca. 1,10
solubility(ies):	forms a dispersion 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 under normal conditions of handling and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid direct sunlight.

10.5 Incompatible materials

Strong oxidizers, acids.

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

aluminium oxide [CAS 1344-28-1]

LD_{50} (oral, rat) > 5000 mg/kg

2,2'-iminodiethanol [CAS 111-42-2]

LD_{50} (oral, rat) 780 - 12760 mg/kg

LD_{50} (dermal, rabbit) 13 000 mg/kg

pin-2(3)-ene [CAS 80-56-8]

LD_{50} (oral, rat) 3700 mg/kg

LD_{50} (skin, rat) > 5000 mg/kg

titanium dioxide [CAS 13463-67-7]

LD_{50} (oral, rat) > 2000 mg/kg

Toxicity of mixture

Acute Toxicity

ATEmix (oral): > 2 000 mg/kg

ATEmix 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

May cause an allergic skin reaction.

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

May cause damage to organs through prolonged or repeated exposure**.**

Aspiration hazard

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

Section 12: Ecological information

12.1 Toxicity

Toxicity of components

2,2'-iminodiethanol [CAS 111-42-2]

Toxicity to daphnia LD_{50} 2,15 mg/l/48h/*Daphnia pulex*

pin-2(3)-ene [CAS 80-56-8]

Toxicity to fish LC_{50} 0,18 mg/l/96h/*Pimephales promelas*

Toxicity of mixture

Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

No data.

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).

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

UN 3082

14.2 UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. [PIN-2(3)-ENE]

14.3 Transport hazard class(es)

9

14.4 Packing group

III

14.5 Environmental hazards

Product is dangerous for the aquatic environment in accordance with transport regulation.

14.6 Special precautions for user

If any substances have been spilled in a vehicle or container, it may not be re-used until after it has been thoroughly cleaned and, if necessary, disinfected or decontaminated. Any other goods and articles carried in the same vehicle or container shall be examined for possible contamination.

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 as amended.
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 as amended.
Commission Regulation (EU) No 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.
Commission Directive 2019/1831/EU of 24 October 2019 establishing a fifth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
ADR European Agreement concerning the international carriage of dangerous goods by road.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.
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.
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.
Regulation (EU) No 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.

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

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.

H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Abbreviations and acronyms

Asp. Tox. 1	Aspiration toxicity category 1
Flam. Liq. 3	Flammable liquid category 3
Acute Tox. 4	Acute toxicity category 4
Eye Dam.1	Eye damage category 1
Skin Irrit 2	Skin irritation category 2
Skin Sens.1	Skin sensitization category 1
STOT RE 1,2	Specific target organ toxicity — repeated exposure category 1,2
Aquatic Acute 1	Toxicity for aquatic organisms – acute toxicity category 1
Aquatic Chronic 1	Toxicity for aquatic organisms – chronic toxicity category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

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 manufacturer's MSDS, literature data, online databases (e.g. 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 issue:	05.10.2020
Version:	1.0/EN
Safety Data Sheet made by:	**„THETA"** Technical Consulting (on the basis of producer's data)

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.