

SAFETY DATA SHEET (SDS)

CleverCOAT PRO for vehicles interior

Date of generation: 12.04.2016

In compliance with Regulation (EC) 1907/2006/EC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1. Identification of the substance or preparation:

Product description **Homogeneous mixture of the oligo ethoxy siloxanes with not fixed structure, isopropanol and composition of the nano sized inorganic metal oxides.**

Label print name: **CleverCOAT PRO for vehicles interior**

Chemical Family: **Alkyl Silicate**

1.2. Use of substance / preparation: **For treatment Interior of all types of transport from plastic, rubber and metal to create protective coating.**

1.3. Identification if the Company/ Undertaking

Company name **Nanoformula LTD**

Street: **Narva mnt.4**

Place **Voka, 71401, Estonia**

Company telephone (during working hours **+372 39 71305**

only):

Company e-mail for SDS: **info@nanoformula.eu**

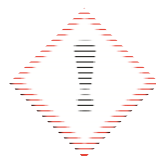
1.4. Emergency telephone: **112**

2. HAZARDS IDENTIFICATION

2.1. Classification

Irritant action: **Eye Irritant**

2.2. Hazard sign:



Warning

2.3. Other hazard

H319 Causes serious eye irritation

P305 +P351 +P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P313 Get medical advice/attention.

P102 Keep out of reach of children.

May cause an allergic reaction.

3. Dangerous components:

Name	CAS No.	EINECS No.	Content, %	Classification
				REGULATION (EC) No 1272/2008
Poly Ethyl silicate	11099-06-2	234-324-0	91,0 – 95,0	H319: Eye Irrit. 2
2-propanol	67-63-0	200-661-7	1,0 – 5,0	H225: Flam. Liq. 2; H319: Eye Irrit. 2; H336: STOT SE 3
Perfume composition (Hexyl Cinnamic Aldehyde, Lillial)	Mixture		0,01 – 0,20	H319: Eye Irrit. 2

4. FIRST AID MEASURES:

Eye contact: **Flush/irrigate eyes with copious amounts of water for at least 15 minutes. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.**

Skin contact: **Wash off with soap and plenty of water**

Inhalation: **Move to fresh air. Consult with specialist if necessary**

Ingestion: **Obtain medical attention. Do not induce vomiting without medical advice. If victim is conscious: Rinse mouth with water.**

5. FIRE-FIGHTING MEASURES:

Suitable extinguishing media: **Water spray, Dry chemical, Foam, Carbon dioxide (CO2). Prevent fire extinguishing water from contaminating surface water or the ground water system. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance**

with local regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment. Refer to protective measures listed in sections 8.

Environmental precautions: Use appropriate container to avoid environmental contamination. Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods for cleaning up: For cleanup use inert adsorbent for example wood sawdust. Leakage or spillage with sawdust collect and utilize according to local regulations.

7. HANDLING AND STORAGE

Handling: Use closed vessels. Recommended general ventilation for containers with volume from 20l to 200l

Storage: Storage in closed vessels, containers or drums. Keep out of reach of children. Keep away from food, drink and animal feeding stuffs. Storage at temperature under 30°C and avoid the solar heating.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautions in working area. Wash hands before drink, eat, toilet. If necessary use the personal protection equipment

Respiratory protection: Presence sufficient ventilation.

Hand protection: If necessary use the chemical gloves

Eye protection: Avoid contacting with eyes. Use chemically resistant gloves if required

Environmental exposure controls: Take care to avoid the contamination of watercourses and drains and inform the appropriate authority in case of accidental contamination of watercourses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	From milk oily liquid
Vapor Density, air = 1	not determined
Volatility,%	not determined
Molecular weight	not determined
Boiling point, °C min.	185
Melting point, °C max	-50
Evaporation rate	not determined
Viscosity, cSt	15-25
Specific Gravity, g/cm ³	1,020-1,105
Flash point, °C, min	72°C
Auto ignition Temp., °C,min	not determined
Solubility	Alcohol, Ether, Acetone

10. STABILITY AND REACTIVITY

Stability: The product is stable under normal conditions of storage, handling and use.

Conditions to avoid: Avoid: storage at temperature more 30°C (it is possible small gas emission at this condition and liquid may unexpected spilled)

Avoid: contact with oxidizers, salt solutions, alcohols and noble metals salts. These materials may be as catalysts for oligomer polymerization with release the hydrogen gas

Hazardous decomposition products: When contact with avoid materials it may release: hydrogen, organic acids and silica dioxide in small quantity

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

Not toxic

12. ECOLOGICAL INFORMATION

- 12.1. Toxicity: Not eco-toxicological
- 12.2. Persistence and degradability: Stable
- 12.3. Bioaccumulative potential: Unknown information
- 12.4. Mobility in soil: Forms insoluble inert matter, unknown information
- 12.5. Results of PBT and vPvB assessment: This product is not identified as a PBT substance
- 12.6. Other adverse effects: Unknown information

13. DISPOSAL CONSIDERATIONS

- 13.1. Waste treatment methods: In accordance with local and national regulations.

14. TRANSPORT INFORMATION

- 14.1. UN number: Non-hazardous
- 14.2. UN proper shipping name: Non-hazardous
- 14.3. Transport hazard class(es): Non-hazardous
- 14.4. Packing group: Non-hazardous
- 14.5. Environmental hazards: Non-hazardous
- 14.6. Special precautions for user: See section 7.
- 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: See section 7.
- 14.8. Railway (RID), Surface transport (ADR), Sea (IMDG), Air (OACI) transport: Non-hazardous

15. REGULATORY INFORMATION

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:
Regulation (EC) No 1907/2006 – REACH of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and establishing a European Chemicals Agency.
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.
COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
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EV Jäätmeseadus ja nende alusel kehtestatud määrused
- 15.2. Chemical safety assessment: Chemical safety assessment is prepare according to COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010.

16. OTHER INFORMATION



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Further information: **User's manual presents in label and producer's site.**
Additional information: **The information provided in this Safety Data Sheet is result of careful testing and knowledge of NANOFORMULA LTD.**

This information helps provide safe work and belief at the date of its publication. The given information is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

We hope that this document will be useful and will be appreciate if receive additional information about safe work with it