

SAFETY DATA SHEET according to Regulation (EU) 2020/878 of 18 June 2020 r.		
20681 Sports Glasses Coating		
Date of compilation: 17.06.2026	Revision:	version: 1.0 Page: 1/9

SECTION 1: Identification of the substance/mixture and of the company/undertaking	
1.1. Product identifier	Product name: 20681 Sports Glasses Coating
1.2. Relevant identified uses of the substance or mixture and uses advised against	Identified uses: Anti-fog coating for spectacles Uses advised against: undefined
1.3. Details of the supplier of the safety data sheet	Nowy Samochód S.A. ul. Kramarska 3/5 61-765 Poznań +48 602-444-356 info@soft99.pl
1.4. Emergency telephone number	European emergency number: 112

SECTION 2: Hazards identification									
2.1. Classification of the substance or mixture	Classification according to Regulation (EC) No 1272/2008 (CLP) Aerosol 1 H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated.								
2.2. Label elements	Labeling according to Regulation (EC) No 1272/2008 <table> <tr> <td>Signal word</td><td>DANGER</td></tr> <tr> <td>Pictograms</td><td>  </td></tr> <tr> <td>Hazard statements</td><td> H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated. </td></tr> <tr> <td>Precautionary statements</td><td> P102 Keep out of reach of children. Prevention P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. </td></tr> </table>	Signal word	DANGER	Pictograms		Hazard statements	H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated.	Precautionary statements	P102 Keep out of reach of children. Prevention P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use.
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Response -- Storage P410+P412		Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.
2.3. Other hazards PBT: not applicable vPvB: Octamethyltrisiloxane There is no information about substances identified as having endocrine disrupting properties.		

SECTION 3: Composition/information on ingredients				
3.1. Substances - not applicable 3.2. Mixtures				
Name of substance	Identifier	Classification 1272/2008		% weight
Octamethyltrisiloxane ^[4]	Index: -- CAS: 107-51-7 EC: 203-497-4	Flam. Liq. 3	H226	80 - 90
Propane	Index: 601-003-00-5 CAS: 74-98-6 EC: 200-827-9	Flam. Gas 1 Press. Gas	H220 H280	
Butane ^[2]	Index: 601-004-00-0 CAS: 106-97-8 EC: 203-448-7	Flam. Gas 1 Press. Gas	H220 H280	10 - 20
Isobutane	Index: 601-004-00-0 CAS: 75-28-5 EC: 200-857-2	Flam. Gas 1 Press. Gas	H220 H280	
Remarks The full meaning of the risk phrases H included in the section 16 ^[1] Specific concentration limits -- ^[2] Substance for which there are national occupational exposure limit values ^[3] Substance with a Union workplace exposure limit ^[4] SVHC: substances included in the list established in accordance with Article 59 (1)				

SECTION 4: First aid measures	
4.1. Description of first aid measures Skin contact Remove contaminated clothing immediately. Clean contaminated skin, wash with plenty of water, then wash with water and mild soap. If skin irritation persists, consult a doctor. Eye contact Remove contact lenses. Rinse contaminated eyes with lukewarm water for 10-15 minutes. Avoid strong water stream - risk of cornea damage. Provide medical assistance if necessary. Ingestion	

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Do not induce vomiting.
Rinse mouth with water.
If medical advice is needed, have product container or label at hand.
If unconscious – do not give the person anything to swallow.
Provide medical assistance. Transport the injured person to a hospital if necessary.

Inhalation

Remove person to fresh air and keep comfortable for breathing.
Ensure warmth and calm.
Provide medical assistance if necessary.

4.2. Most important symptoms and effects, both acute and delayed

No data available

4.3. Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.
First aid supplies should be available on the workplace premises.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

fire-fighting foam, carbon dioxide CO₂, fire-extinguisher powders.

Unsuitable extinguishing media

DO NOT use water.

5.2. Special hazards arising from the substance or mixture

Extremely flammable aerosol. Pressurised container: May burst if heated.

Combustion products

Toxic thermal decomposition products, as well as carbon monoxide and carbon dioxide (CO_x), nitrogen oxides (NO_x) may be generated during combustion.

Explosive mixtures

Some components may form explosive mixtures with air under favourable thermal conditions.

5.3. Advice for firefighters

Use standard firefighting methods for extinguishing chemical fires.
Use water to cool containers exposed to high temperatures, and if possible, remove them from the area affected.
Use water spray jets to disperse vapours.
Prevent from entering contaminated water and other extinguishing agents into sewage system and ground water.

Fire-fighter protective equipment

Full personal protective equipment.
Self-contained breathing equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid contact with eyes and skin. Wear appropriate protective equipment.
Remove all sources of ignition. Keep all persons not equipped with personal protection equipment away.
In case of a discharge of a significant volume of the mixture, warn its users and order all bystanders to leave the contaminated area.
Danger of slipping on the ground contaminated with the mixture.

6.2. Environmental precautions

Prevent environmental contamination.
Protect drains.

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In case of serious contamination of soil, watercourse or sewage system, notify the appropriate authorities.		
6.3.	Methods and material for containment and cleaning up	
	Secure any damaged packaging. Ventilate the area affected and avoid inhaling vapours. Collect mechanically and with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite). Place all contaminated mass collected in a substitute container and send it for disposal in accordance with the local regulations.	
6.4.	Reference to other sections	
	See Section 8 for information on personal protection equipment. See Section 13 for disposal information.	

SECTION 7: Handling and storage		
7.1.	Precautions for safe handling	
	Recommendations for handling the mixture Provide adequate ventilation. Avoid contact with eyes and skin. Avoid inhaling product vapours/ spray. General industrial health and safety regulations Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Replace contaminated clothing. Wash contaminated clothing before reusing. Guidance on fire and explosion prevention Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. In case of usage and/or insufficient ventilation, highly-explosive and flammable mixtures may form. Prevent accumulation of electrostatic charges. Use non-sparking tools. Protect from sunlight. Do not expose to temperatures exceeding 50°C. Heating the product leads to an increase in pressure and a danger of bursting. Do not pierce or burn, even after use.	
7.2.	Conditions for safe storage, including any incompatibilities	
	Storage rooms must be ventilated. Keep container tightly closed. Store in a dry and cool place. Keep only in the original container. Keep away from sunlight, as well as heat and ignition sources. Do not store together with foodstuffs and animal feed. Storage temperature < 40°C. Do not handle until all safety precautions have been read and understood.	
7.3.	Specific end use(s)	
	No data available	

SECTION 8: Exposure controls/personal protection			
8.1.	Control parameters		
	Ingredients with limit values that require monitoring at the workplace		
	Name of the chemical	CAS	Limit values
			Comments

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agent		Long-term		Short-term		
		ppm	mg/m ³	ppm	mg/m ³	
Butane	106-97-8	600	1450	750	1810	-
DNEL /PNEC						
No data available						
8.2. Exposure controls						
Appropriate engineering controls						
Workstations and storage rooms must be well ventilated to keep the dust/vapour concentrations in the air below their limit values.						
Individual protection measures						
						
Eye or face protection						
In case of danger, use safety goggles compliant with the PN-EN ISO 16321-1:2022-10 standard.						
Skin protection						
						
Hand protection						
In case of danger, use chemical-resistant protective gloves compliant with the EN 374 standard.						
Recommended material: solvent resistant gloves or vinyl gloves.						
Material thickness: ≥ 0,1 mm						
For short-term contact, wear protective gloves with a performance level of 2 or higher (breakthrough time > 30 minutes). For prolonged contact, wear protective gloves with a performance level of 6 (breakthrough time > 480 minutes).						
Select glove material based on breakthrough time, rate of penetration and degradation.						
It is recommended to change gloves regularly and immediately replace them if they have any signs of wear, damage (tears, holes) or their appearance changes (colour, flexibility, shape).						
Body protection						
Suitable protective clothing.						
The type of protective equipment must be selected based on the quantity and concentration of hazardous substances in the given work environment.						
Respiratory protection						
If proper ventilation is provided, respiratory protection equipment is not required.						
In case of hazard due to the mixture vapours levels exceeding allowable levels in the air (e.g. due to ventilation failure), wear respiratory protection equipment.						
Thermal hazards						
Undefined						
Environmental exposure controls						
Do not discharge into drains and groundwater.						

SECTION 9: Physical and chemical properties	
9.1. Information on basic physical and chemical properties	
Physical state	Liquid
Colour	Transparent, white
Odour	Characteristic
Melting point/freezing point	-188°C (Propane), -138°C (Butane), -160°C (Isobutane)

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Boiling point or initial boiling point and boiling range	>150°C (Octamethyltrisiloxane)
Flammability	Extremely flammable aerosol.
Lower and upper explosion limit	1,8 % obj. – 9,5 % obj. (Propane, Butane, Isobutane)
Flash point	37°C (Octamethyltrisiloxane) -104°C (Propane), -72°C (Butane), -81°C (Isobutane)
Auto-ignition temperature	450°C (Propane), 365°C (Butane), 460°C (Isobutane)
Decomposition temperature	No data available
pH	No data available
Kinematic viscosity	No data available
Solubility	Insoluble in water
Partition coefficient n-octanol/water (log value)	No data available
Vapour pressure	0,14 ± 0,04 MPa (25°C)
Density and/or relative density	0,820 ± 0,02 (25°C)
Relative vapour density	1,6 (Propane), 2,1 (Butane), 2,0 (Isobutane) [air =1]
Particle characteristics	Not applicable
9.2. Other information	
Information with regard to physical hazard classes	No data available
Other safety characteristics	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The mixture is not chemically reactive if stored and used under proper conditions.

10.2. Chemical stability

The mixture is chemically stable if stored and used under proper conditions.

10.3. Possibility of hazardous reactions

Reacts vigorously with strong oxidants. May cause fire or explosion.

10.4. Conditions to avoid

Heating and heat sources, open flames

10.5. Incompatible materials

Strong oxidants

10.6. Hazardous decomposition products

Not present when handled as intended.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

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

Octamethyltrisiloxane

LD50 (oral, rat): >5000 mg/kg

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 sensitisation

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

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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.

11.2. Information on other hazards
Endocrine disrupting properties

There is no information about substances identified as having endocrine disrupting properties.

Other information

No data

SECTION 12: Ecological information
12.1. Toxicity

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

12.2. Persistence and degradability

No data

12.3. Bioaccumulative potential

No data

12.4. Mobility in soil

No data

12.5. Results of PBT and vPvB assessment

PBT: not applicable

vPvB: Octamethyltrisiloxane

12.6. Endocrine disrupting properties

There is no information about substances identified as having endocrine disrupting properties.

12.7. Other adverse effects

No data

SECTION 13: Disposal considerations
13.1. Waste treatment methods

Dispose of in accordance with current regulations.

Hand over any used packaging to an authorised company for disposal or reuse.

Do not discharge into drains, sewage systems or surface waters.

Store waste in original containers.

Only completely emptied packaging can be recycled.

Waste codes

Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information
14.1. UN number or ID number

UN 1950

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14.2. UN proper shipping name 14.3. Transport hazard class(es) Label no. :	AEROSOLS 2 
14.4. Packing group 14.5. Environmental hazards 14.6. Special precautions for user 14.7. Maritime transport in bulk according to IMO instruments	2.1 not applicable No not applicable not applicable

SECTION 15: Regulatory information
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture - Regulation (EC) No 1272/2008 (CLP) 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 (REACH). - REGULATION (EC) No 1907/2006 OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation 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. - COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) SVHC - Substances of Very High Concern for Authorisation Octamethyltrisiloxane [CAS: 107-51-7]
15.2. Chemical safety assessment No data

SECTION 16: Other information
Full text of H-phrases mentioned in section 3: H226 Flammable liquid and vapour. H220 Extremely flammable gas. H280 Contains gas under pressure; may explode if heated. Changes: section: 1-16 Classification procedures according to Regulation (EC) 1272/2008 Classification based on calculation method and/or data from supplier/manufacturer. Training advice Read Safety Data Sheet before use. Abbreviations and Acronyms: ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road RID: Regulations Concerning the International Transport of Dangerous Goods by Rail IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organization ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO) PP: Severe Marine Pollutant

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GHS: Globally Harmonized System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 DNEL: Derived No-Effect Level (REACH)
 PNEC: Predicted No-Effect Concentration (REACH)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent

Note to readers

The product described in the safety data sheet should be stored and used in accordance with good industrial practices and in compliance with all applicable legal regulations.

The information contained in the safety data sheet is based on the current state of knowledge and is intended to describe the product in terms of health, safety and environmental regulations. It should not be considered a guarantee of any specific product properties.

We cannot make any representations or warranties regarding the accuracy or completeness of any information provided or the quality or specifications of any products, substances or mixtures discussed herein.

The user is responsible for creating conditions for the safe use of the product and for the consequences of its misuse.

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