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

1.1 Product identifier

Trade name: POINT 99
Article number: 03-1-0-199

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

Adhesive
Application of the substance / the mixture Solvent adhesives

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:
UAB „TEGRA STATE“
Kirtimų g. 67
LT-02244 Vilnius
Tel./faks. +370 5 266 11 67
El. p.: info@tegra.lt
www.tegra.lt, www.tegrastate.lt
Tel./faks. +370 5 266 11 67
El. p.: info@tegra.lt

1.4 Emergency telephone number: European emergency number: 112 (24h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



Flam. Sol. 1 H228 Flammable solid.



Skin Irrit. 2 H315 Causes skin irritation.
STOT SE 3 H336 May cause drowsiness or dizziness.
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms



GHS02 GHS07

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Signal word Danger

Hazard-determining components of labelling:

Hydrocarbons, C6, isoalkanes, <5% n-hexane

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

Hazard statements

H228 Flammable solid.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.1 Chemical characterisation: Mixtures

Description: Mixture of substances listed below with nonhazardous additions

Dangerous components:		
EC number: 927-510-4 Reg.nr.: 01-2119475515-33-xxxx	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics ⚠ Flam. Liq. 2, H225; ⚠ Asp. Tox. 1, H304; ⚠ Skin Irrit. 2, H315; STOT SE 3, H336 ⚠ Aquatic Chronic 2, H411;	<15%
EC number: 931-254-9 Reg.nr.: 01-2119484651-34-XXXX	Hydrocarbons, C6, isoalkanes, <5% n-hexane ⚠ Flam. Liq. 2, H225; ⚠ Asp. Tox. 1, H304; ⚠ Skin Irrit. 2, H315; STOT SE 3, H336 ⚠ Aquatic Chronic 2, H411;	<10%
CAS: 67-64-1 EINECS: 200-662-2 Reg.nr.: 01-2119471330-49-xxxx	acetone ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	<5%
CAS: 14808-60-7 EINECS: 238-878-4	quartz ⚠ STOT RE 1, H372	<1%

Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: Immediately remove any clothing soiled by the product.

After inhalation: Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor

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if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing: If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

Foam.

Fire-extinguishing powder.

Carbon dioxide.s putomis.

For safety reasons unsuitable extinguishing agents: Water with full jet.

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

In case of fire, the following can be released:

Carbon monoxide (CO).

Carbon dioxide (CO₂).

5.3 Advice for firefighters

Ypatingos saugos priemonės: Uždėti kvėpavimo apsaugos priemonę.

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing.

Ensure adequate ventilation.

Keep away from ignition sources.

6.2 Environmental precautions

Do not allow to enter sewers / surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up

Dispose of the material collected according to regulations.

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6.4 Reference to other sections See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Use only in well ventilated areas.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:		
CAS: 67-64-1 acetone		
WEL		Short-term value: 3620 mg/m ³ , 1500 ppm Long-term value: 1210 mg/m ³ , 500 ppm
CAS: 110-54-3 n-hexane		
WEL		Long-term value: 72 mg/m ³ , 20 ppm
CAS: 110-82-7 cyclohexane		
WEL		Short-term value: 1050 mg/m ³ , 300 ppm Long-term value: 350 mg/m ³ , 100 ppm
DNELs		
CAS: 67-64-1 acetone		
Oral	DNEL	62 mg/kg/Tag (General population, consumers)
Dermal	DNEL	62 mg/kg/Tag (General population, consumers) 186 mg/kg/Tag (Workers)
Inhalative	DNEL	200 mg/m ³ (General population, consumers) 1,210 mg/m ³ (Workers)

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Hydrocarbons, C6, isoalkanes, <5% n-hexane		
Oral	DNEL	1,301 mg/kg/Tag (General population, consumers)
Dermal	DNEL	1,377 mg/kg/Tag (General population, consumers) 13,964 mg/kg/Tag (Workers)
Inhalative	DNEL	1,137 mg/m3 (General population, consumers) 5,306 mg/m3 (Workers)
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics		
Oral	DNEL	149 mg/kg/Tag (General population, consumers)
Dermal	DNEL	149 mg/kg/Tag (General population, consumers) 300 mg/kg/Tag (Workers)
Inhalative	DNEL	477 mg/m3 (General population, consumers) 2,085 mg/m3 (Workers)
PNECs		
CAS: 67-64-1 acetone		
(freshwater)		10.6 mg/l (Aquatic Organisms)
(sea water)		1.06 mg/l (Aquatic Organisms)
(freshwater sediments)		30.4 mg/kg (Aquatic Organisms)
(sea water sediments)		3.04 mg/kg (Aquatic Organisms)
(soil)		29.5 mg/kg (Terrestrial Organism)

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

- Do not eat, drink, smoke or sniff while working.
- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing.
- Wash hands before breaks and at the end of work.
- Avoid contact with the eyes and skin.
- Do not inhale dust / smoke / mist.

Respiratory protection: Not required.

Protection of hands:



Protective gloves

EN 374

The glove material has to be impermeable and resistant to the product / the substance / the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves

Nitrile rubber, NBR

Recommended thickness of the material: ³ 0.38 mm.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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Penetration time of glove material

³ 480 min

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:



Safety glasses

EN 166

Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form: Paste
Colour: Beige
Odour: Characteristic

Change in condition

Melting point/freezing point: Not determined
Initial boiling point and boiling range: Not determined
Flash point: <60 °C
Explosive properties: Product does not present an explosion hazard

Explosion limits:

Lower: Not determined
Upper: Not determined
Vapour pressure: Not applicable

Density at 20 °C: 1.20 ± 0.05 g/cm³

Solubility in / Miscibility with water:

Insoluble

Viscosity:

Kinematic at 40 °C: >20.5 mm²/s

9.2 Other information No further relevant information available

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reactions if the regulations / notes for storage and handling of the product will be respected.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions Brak dostępnych dalszych istotnych danych

10.4 Conditions to avoid

Handle away from heat, ignition sources, sparks, ignition points, flames, static electricity.

10.5 Incompatible materials: Strong acids, alkalis and oxidising agents.

10.6 Hazardous decomposition products: Carbon monoxide and carbon dioxide

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

Primary irritant effect:

Skin corrosion/irritation

Causes skin irritation.

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.

Additional toxicological information: No data available.

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

May cause drowsiness or dizziness.

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

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability The product after hardening is a solid, insoluble in the water.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Ecotoxicological effects:

Remark: Harmful to fish

Additional ecological information:

General notes:

Do not allow product to reach ground water, water course or sewage system.

Harmful to aquatic organisms

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Do not allow to enter surface or ground water.

Assigning a code from the waste catalogue depends on the sector, in which the user operates, as well as on arrangements made between the waste generator and a competent environment protection department.

Substance/mixture as a waste compound brings hazardous properties HP: 3,4,14

Remove in accordance with applicable legislation.


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European waste catalogue	
15 01 10*	packaging containing residues of or contaminated by hazardous substances

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number ADR, IMDG, IATA	UN3175
14.2 UN proper shipping name ADR, IMDG, IATA	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (HEPTANES, ACETONE)
14.3 Transport hazard class(es) ADR, IMDG, IATA	
	
Class	4.1 Flammable solids, self-reactive substances and solid desensitised explosives.
Label	4.1
14.4 Packing group ADR, IMDG, IATA II	
14.5 Environmental hazards: Marine pollutant:	Harmful to aquatic life.
14.6 Special precautions for user	Warning: Flammable solids, self-reactive substances and solid desensitised explosives.
Hazard identification number (Kemler code):	40
EMS Number:	F-A,S-I
Stowage Category	B
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
Transport/Additional information: ADR	
Transport category	2
Tunnel restriction code	E
UN "Model Regulation":	UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (HEPTANES, ACETONE), 4.1, II

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.
Other regulations, limitations and prohibitive regulations
Substances of very high concern (SVHC) according to REACH, Article 57
None of the ingredients is listed.
- 15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H372 Causes damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

Recommended restriction of use Information in the appropriate technical data sheet of product.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Sol. 1: Flammable solids – Category 1

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3