Safety Data Sheet
CENTAUR 960
Version 4 Production Date: 2023.02.13

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identifier

Trade name: **CENTAUR 960**

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

Product use: Adhesive and sealant

1.3 Details of the supplier of the safety data sheet

Company: Polytech A/S
Industrivej 75
DK-6740 Bramming
Denmark
Phone: +45 7510 1026
Fax: +45 7510 1126

Contact: info@polytech.com

1.4 Emergency Thelephone: 24-hours Bispebjerg Hospital - Poison line Phone**. +45 8212 1212**
Outside Denmark: Please call your local emergency services

SECTION 2: HAZARD IDENTIFICATION

2.1 Classifikation of the substance or mixture to 1272/2008 CLP

Aquatic Chronic 3; H412
Harmful to aquatic life with long lasting effects. (H412)

Dangerous Goods Information:

Not classified as Dangerous Goods

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

NAME: **Trimethoxyvinylsilan**
IDENTIFICATION NUMBERS: **CAS-no: 2768-02-7 EC-no: 220-449-8**
REACH-nr: 01-2119513215-52-0003
CONTENT: **2.5 - <5%**
CLP CLASSIFICATION: **Flam. Liq. 3, Acute Tox. 4 H226, H332**

NAME: **Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate**
IDENTIFICATION NUMBERS: **CAS-no: 41556-26-7 EC-n: 255-437-1**
CONTENT: **0.25 - <1%**
CLP CLASSIFICATION: **Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1**
H317, H400, H410

NAVN:	**methyl-1,2,2,6,6-pentamethyl-4-piperidylsebacat**
IDENTIFICATION NUMBERS:	**CAS-no: 82919-37-7 EC-no: 280-060-4**
CONTENT:	**0.25 - <1% CLP**
CLP CLASSIFICATION:	**Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1 H317, H400, H410 (M-acute = 1) (M-chronic = 1)**

NAVN:	**Calcium Carbonate Fillers**
IDENTIFICATION NUMBERS:	**CAS-no: 471-34-1 EC-no: 207-439-9**
CONTENT:	**30-60%**
CLP CLASSIFICATION:	**Skin Irrt. 2, Eye Dam. 1, STOT SE 3 H315, H318, H335**

NAVN:	**Silyl Terminated Polymers**
IDENTIFICATION NUMBERS:	**CAS-no: Proprietary**
CONTENT:	**30-60%**
CLP CLASSIFICATION:	

NAVN:	**Pigments eg Titanium dioxide**
IDENTIFICATION NUMBERS:	**CAS-no: 13463-67-7 EC-no: 236-675-5**
CONTENT:	**1-10%**
CLP CLASSIFICATION:	**No hazards have been classified**

NAVN:	**UV stabilizer and Anti-oxidants**
IDENTIFICATION NUMBERS:	**CAS-no: Proprietary**
CONTENT:	**1-5%**
CLP CLASSIFICATION:	**No hazards have been classified**

NAVN:	**Amino silanes**
IDENTIFICATION NUMBERS:	**CAS-no: Proprietary**
CONTENT:	**1-5%**
CLP CLASSIFICATION:	**No hazards have been classified**

Full text of H-statements in section 16

Other information:

ATEmix(inhale, vapour) > 20
ATEmix(inhale, dust/mist) > 5
ATEmix(inhale, gas) > 20000
ATEmix(dermal) > 2000
ATEmix(oral) > 2000

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation:	If inhaled, immediately remove the affected person to fresh air. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.

Skin contact:	Immediately wash skin thoroughly with soap and water. Obtain medical attention if irritation persists.
Eye contact:	Remove contact lenses. Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention at once.
Ingestion:	Give the person plenty to drink. Keep the person under surveillance. If person feel sick: Contact a doctor immediately and bring this safety data sheet or label from the product. Do not induce vomiting unless directed by your doctor. Lower head so that vomiting will not run back into the mouth and throat. Get immediate medical attention.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media

Sustable extinguishing media:	Carbon dioxide (CO2), Powder.
Unsustable extinguishing:	Water

5.2 Special hazard arising from the substance mixture

If the product is exposed to high temperatures, eg in case of fire, hazardous decomposition products may be formed. These are: Nitric oxides, Carbon and some metal oxides.
Exposure to degradation products can pose a health hazard. Firefighters should use appropriate protective equipment. Cool closed containers exposed to fire with water. Do not allow fire extinguishing water into drains and streams.

5.3 Advice from firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so.
Do not allow product to enter sewer or waterways.

6.3 Methods and material for containment and cleaning up

Contain spillage, see section 13

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with eyes, skin and clothing. Do not inhale vapors and fumes. Wash thoroughly after handling. For industrial use only.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed and in a cool, well-ventilated place.

7.3 Specific end use(s)

Do not eat or drink when using

SECTION 8: EXPOSURE CONTROLS

8.1 Control parameters

Methanol is formed in small quantities upon curing.
Limit: 200 ppm – 260 mg/m^3
The substance has a EU limit value – The substance can be absorbed through the skin

Titanium dioxide
Limit: 6 mg/m^3

Exposure: Inhalation

8.2 Exposure controls

Compliance with the stated limit values should be checked regularly

Engineering controls: Airborne gas and dust concentrations must be kept as low as possible and below the relevant limit values (see above). If necessary, use point extraction if ordinary air flow in the work room is not sufficient. Eye wash must be available
.

Respiratory protection: Usually not relevant if the room is well ventilated. When used in small, very poorly ventilated rooms, gas filter mask can be used. In this case, an AX filter is recommended.

Eye/face protection: Wear safety glasses; chemical goggles (if splashing is possible).

Skin protection: Nitrile rubber Glove thickness:> 0.1 mm.
Breakthrough time:> 480 min. (Class 6)

Pictograms for recommended PPE:

SECTION 9: PSYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic phsysical and chemical properties

Appearance:	**Color:**	**Odour:**	**pH:**	**Viskosity:**
Paste	Grey			

Flashpoint:	**Boiling point:**	**Vapour presure hPa:**	**Density:** 1,46 g/cm^3	**Flasch point:** -
Explosive limits: -	**Viscosity, kinematic**			

9. 2 Other imformations

No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reaktivity: No reaction known

10.2 Chemical stability: Stabel at normal conditions

10.3 Possibilty of hazardous reactions: Will not occor

10.4 Conditions to avoid: Strong acids, strong bases, strong oxidizing agents and strong reducing agents

10.5 Incompatible materiale: No data available

10.6 Hazardous decomposition products: The product is not degraded when used for the purposes specified in paragraph 1

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Substance: Titanium dioxide
Species: Rat
Test: LD50
Route of Exposure: Oral
Result:> 10000

Substance: Trimethoxyvinylsilane
Species: Rat
Test: LD50
Route of Exposure: Oral
Result: 7100 mg / kg

Substance: Trimethoxyvinylsilane
Species: Rabbit
Test: LD50
Route of Exposure: Dermal
Result: 3200 mg / kg

Substance: Trimethoxyvinylsilane
Species: Rat
Test: LD50
Route of Exposure: Inhalation
Result: 16.8 mg / l / 4h

Skin corrosion / irritation

Substance data: Trimethoxyvinylsilane
Organism: Rabbit
Result: Irritating

Respiratory or skin sensitization

Substance data: Trimethoxyvinylsilane
Organism: Guinea pig
Result: Not sensitizing

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproduction toxicity

No data available

Repeated STOT exposure

No data available

Aspiration hazard

No data available

Long term effects

No specific

SECTION 12: ECOLOGICAL INFORNMATION

12.1 Toxicity:

Substans: Trimethoxyvinylsilan
Nature: Fish
Test: LC50
Duration: 96 h
Result: 191 mg/l

Substans: Trimethoxyvinylsilan
Nature: Dafnier
Test: EC50
Duration: 48 h
Result: 169 mg/l

Substans: Trimethoxyvinylsilan
Nature: Dafnier
Test: NOEC
Duration: 21 h
Result: 25 mg/l

	Substans: Trimethoxyvinylsilan Nature: Algae Test: NOEC Varighed: 72 h Result: 25 mg/l
12.2 Persistence and degradability	Based of the EU Regulation 2015/830
	Degradability in the aquatic environment
Titandioxid	No
Trimethoxyvinylsilan	No
12.3 Bioaccumulative potential:	No data
12.4 Morbility in soil:	No data
12.5 Results of PBT and vPvB assesment	Contains no components
12.6 Other adverse effects:	The product contains substances that can cause long-term adverse effects in the aquatic environment due to their poor degradability

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

According to regional and local legislation

EU Waste Catalogue 08 04 11

Contaminated packaging:

As above.

SECTION 14: TRANSPORT INFORMATION

Not regulated

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SECTION 15: REGULATORY INFORMATION

Seveso III Part 2: methanol (formed in small quantities upon curing)

SECTION 16: OTHER INFORMATION

Full text of H-statements referred to in section 3

H315	**Causes skin irritation**
H317	**May cause an allergic skin reaction**
H318	**Causes serious eye damage**
H226	**Flammable liquid and vapor.**
H332	**Harmful by inhalation.**
H335	**May cause respiratory irritation**
H400	**Very toxic to aquatic life**
H410	**Very toxic to aquatic life with long lasting effects**

SDS by: **Polytech A/S**
www.polytech.com