

Safety Data Sheet according to 1907/2006/EC, Article 31

Printing date 15.01.2015 Revision: 15.01.2015

1 Identification of substance:

Product details:

Trade name: **STIROLEN**

Application of the substance/the preparation

Product is used in synthetic rubber production, for production of varnish and construction paints.

Manufacturer/Supplier:

VostokPolimerKhim OOO

1 Sevastopolskaya St, Kemerovo 650001, Russia

Informing department:

Tel/Fax: +7 3812 371873

Emergency information:

Tel: +7 3812 371873

2 Hazards identification

Hazard designation: void

Information pertaining to particular dangers for man and environment

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

3 Composition/information on ingredients

Chemical characterization:

CAS No. Designation:

64742-16-1 Hydrocarbon (petroleum) resins

Identification number(s):

EINECS Number: 265-116-8

Additonal information:

Oil-polymeric varnish is a polymerisation product of C9 pyrolisic resin fraction.

4 First aid measures

General information No special measures required.

After inhalation Supply fresh air; consult doctor in case of symptoms.

After skin contact

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*Instantly 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 doctor.

After swallowing Do not induce vomiting; instantly call for medical help.

5 Fire fighting measures

Suitable extinguishing agents

Extinguishing powder, foam or water jet. Fight larger fires with water jet or alcohol-resistant foam.

For safety reasons unsuitable extinguishing agents Water with a full water jet.

Protective equipment: No special measures required.

6 Accidental release measures

Person-related safety precautions:

*Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation*

Measures for environmental protection:

*Do not allow product to reach sewage system or water bodies.
Inform respective authorities in case product reaches water or sewage system.
Do not allow to enter drainage system, surface or ground water.*

Measures for cleaning/collecting:

*Collect mechanically.
Dispose of contaminated material as waste according to item 13.*

7 Handling and storage

Handling

Information for safe handling:

*Store in cool, dry place in tightly closed containers.
Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace.*

Information about protection against explosions and fires:

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

Storage

Requirements to be met by storerooms and containers:

*Store in cool location.
Store only in the original container.*

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

Further information about storage conditions:

Protect from frost.

Store under dry conditions.

8 Exposure controls and personal protection

Components with limit values that require monitoring at the workplace: Not required.

Additional information: The lists that were valid during the compilation were used as basis.

Personal protective equipment

General protective and hygienic measures

The usual precautionary measures should be adhered to general rules for handling chemicals.

Breathing equipment: Not necessary if room is well-ventilated.

Protection of hands:

Protective gloves.

The glove material has to be impermeable and resistant to the product/the substance/the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

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.

Penetration time of glove material

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

For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:

Nitrile rubber, NBR

Eye protection: Safety glasses

Body protection: Protective work clothing.

9 Physical and chemical properties:

General Information

Form: Solid in various forms

Thermoplastic resin

Colour: Yellow-brown

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Odour: odourless

Change in condition

Melting point/Melting range: 218-224°C

Boiling point/Boiling range: Not determined

Fusion temperature/range: 85 - 125°C

Flash point: Not applicable

Ignition temperature: 251- 265°C

Danger of explosion: Product is not explosive. However, formation of explosive air/dust mixtures is possible.

Critical values for explosion:

lower: 19.1 g/m³

Density at 20°C 1.08 g/cm³

Solubility in/Miscibility with

Water: Insoluble

10 Stability and reactivity

Thermal decomposition/conditions to be avoided:

No decomposition if used according to specifications.

Dangerous reactions Toxic fumes may be released if heated above the decomposition point

Dangerous products of decomposition:

None in case of intended use and storage in compliance with instructions.

11 Toxicological information

Acute toxicity:

Primary irritant effect:

on the skin: No irritant effect.

on the eye: No irritant effect.

Sensitization: No sensitizing effect known.

Additional toxicological information:

The material is not subject to classification according to EC lists in the last version.

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12 Ecological information:

Information about elimination (persistence and degradability):

Other information:

Biodegradability is not probable due to the consistency as well as the low degree of water solubility of the product.

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

13 Disposal considerations

Product:

Recommendation

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

European waste catalogue

07 00 00 WASTES FROM ORGANIC CHEMICAL PROCESSES

07 02 00 wastes from the MFSU of plastics, synthetic rubber and man-made fibres

07 02 13 waste plastic

Uncleaned packagings:

Recommendation: Dispose of packaging according to regulations on the disposal of packagings.

14 Transport information

Land transport ADR/RID (cross-border)

ADR/RID-GGVSE Class: No hazardous good.

Maritime transport IMDG:

IMDG Class: No hazardous good.

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: Not Restricted.

Transport/Additional information: Not dangerous according to the above specifications.

15 Regulatory information

Designation according to EC guidelines:

Observe the normal safety regulations when handling chemicals

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The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials.

National regulations

Water hazard class: *Water hazard class 1 (Self-assessment): slightly hazardous for water.*

16 Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing data specification sheet:

*This Material Safety Data Sheet has been drawn up in cooperation with:
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