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SAUGOS DUOMENŲ LAPAS

SAFETY DATA SHEET

Antifouling Varnish

CHAPTER 1. Identification of the substance / mixture and of the company / undertaking

1.1 Produktidentifikatorius/ProductIdentifier

Product name PINUS AMBER Antifouling Varnish

Registrationnumber

assignedunder REACH -

1.1 Relevantidentifiedusesofthesubstanceormixtureandusesadvisedagainst

Identifieduses Antifouling Varnish (For more information onuse, seethe PINUS AMBER website
(www.pinusamber.com).

1.2 detailsofthesupplierofthesafety data sheet

Firm UAB LIVERSTRA Vasario 16-osios 4A-9 Kaunas Lithuania

Responsible department e-mail: info@pinusamber.com

CHAPTER 2. Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Skinirritation, category 2, H315

Eyeirritation, Category 2, H319

Carcinogenicity, Category 2, H351

Reproductivetoxicity, Category 1B, H360D

Specifictargetorgantoxicity - repeatedexposure, Category 2, thyroid, H373

Forthefulltextofthe H-StatementsmentionedinthisSection, seeSection 16

2.1 Label elements

Labeling (REGULATION (EC) No 1272/2008)

warning icons



Signal word

Dangerous

Hazard statements

H360D May cause harm to the unborn child

H315 Causes skin irritation

H319 Causes serious eye irritation.

H351 Suspected of causing cancer

H373 May cause damage to organs (thyroid) through prolonged or repeated exposure

Precautionary statements

Prevention

P201 Obtain special instructions before use. Ambulance

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

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

P314 Get medical advice / attention if you feel unwell.

For professional users only.

P201 Obtain special instructions before use.

2.2 Other hazards

Unknown

CHAPTER 3. Composition / information on ingredients

Chemical nature	Mixture of organic and inorganic compounds, Baltic Amber, vegetable oil, turpentine.
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3.1 material

Not applicable

CHAPTER 4. First aid measures

Description of first aid measures

After skin contact: Take off immediately all contaminated clothing. Wash skin with water / spray. Seek medical advice. After eye contact: rinse out with plenty of water. Call an ophthalmologist. Remove contact lenses. After swallowing: make victim drink water (two glasses at most) immediately. Seek medical advice

4.2 Most important symptoms and effects, both acute and delayed

irritant effect, Cough, Shortness of breath, Dizziness, Diarrhea, Nausea, Vomiting, bronchitis, Dermatitis, Skin disorders, Fever, diarrhea, inflammation of the nasal mucosa, metallic taste, Asthma, exhaustion, anesthesia

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

CHAPTER 5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water, Foam, Carbon dioxide (CO₂), Dry powder

Unsuitable extinguishing media

There are no extinguishing restrictions for this substance / compound.

5.2 hazards arising from the substance or mixture

Flammable.

Formation of harmful flammable gases or vapors is possible in case of fire.

Fire may cause evolution of:

nitrogenoxides, sulfuroxides,

5.3 Advice for firefighters

Special protective equipment for firefighters. Stay in danger area only with self-contained breathing apparatus. Avoid contact with skin, maintaining a safe distance or wearing special protective clothing.

Further information

Suppress gases / vapors / mists with a water spray jet. Protect surface water and groundwater system from firefighting with water.

CHAPTER 6. Accident response measures

6.1 Personal precautions, protective equipment and emergency procedures Advice for non-emergency personnel:

Do not breathe gas / fumes / aerosol. Avoid contact with the material. Ensure adequate ventilation.

Evacuate people from the danger area,

follow emergency procedures, consult a specialist. Contact an ambulance:

See protective measures. Chapter 8 .

6.2 Environmental precautions

Do not allow product to reach sewage system.

6.3 Methods and material for containment and cleaning up

Cover the drains. Collect, bind and pump out spilled material. Observe possible material restrictions (see sections 7 and 10). Carefully collect with liquid-absorbent material (eg Chemisorb®). Dispose of properly.

Clean the affected area.

6.4 Reference to other sections

For indications on water treatment, see chapter 13

CHAPTER 7. Handling and storage

Precautions for safe handling

Recommendations for safe use

Follow labeling warnings.

Work under the hood. Do not inhale the substance. Avoid vapor / aerosol formation

hygien

Take off contaminated clothing immediately. Use skin protection. Wash face and hands after handling.

7.1 Conditions for safe storage, including any incompatibilities

Storage conditions

Tightly closed. Keep locked up or in an area accessible only to qualified or authorized persons.

Recommended storage temperature, see product label.

7.2 Specific end use (s)

Apart from the uses mentioned in section 1.2, no further specific uses are mentioned.

CHAPTER 8. Exposure controls / personal protection

8.1 Exposure controls

Engineering tools

Technical measures and appropriate work operations must take precedence over the use of personal protective equipment.

See Chapter 7.1 .

Personal protective equipment

Protective clothing must be selected specifically for the workplace,

concentrations and quantities of harmful substances. Chemical-resistant protective equipment should be requested from appropriate suppliers.

Eye and / or face protection

Safety glasses with side-shields

Hand protection

fullcontact:

Glovematerial: naturallatex

Glovethickness: 0,6 mm

Penetrationtime: > 480 min

contactincaseofsplashes :

Glovematerial Nitrilebutadienerubber

Glovethickness: 0,11 mm

Penetrationtime: > 120 min

Protectiveglovesmust be usedinaccordancewiththespecificationsof EC Directive 89/686 / EEC andtherelevantstandard EN374, eg KCL 706 Lapren® (fullcontact), KCL 741 Dermatril® L (splashcontact).

Thebreakthroughtimesindicatedaboveweredeterminedin KCL laboratorytestsaccording to EN374 withsamplesoftherecommendedglovetypes.

Thisrecommendationappliesonly to theproductstatedinthesafety data sheet(<,>suppliedbyusandforthedesignateduse.

Afterreconstitutionormixingwithothermaterialsandconditionsotherthanthoselistedin EN374, contactthemanufacturerofthe CE approvedgloves (ie KCL GmbH, D-36124 Eichenzell, website: www.kcl.de).

Otherprotectiveequipment

wearprotectiveclothing

Respiratory protection

requiredwhenvapor / aerosolgasgenerated. RecommendedFiltertype: ABEK filter

Theentrepreneurhas to ensurethatmaintenance, cleaningandtestingofrespiratoryprotectivedevices are carriedoutaccording to theinstructionsoftheproducer. Theseproceduresmust be properlydocumented.

Poveikio aplinkai kontrolė /Environmental exposure controls

Neleisti produktui patekti į nuotekas.

Donotallowproduct to reachsewagesystem.

CHAPTER 9. Physicalandchemicalproperties

9.1 Informationonbasicphysicalandchemicalproperties

Physicalstate : Noinformationavailable.

Color: brown

Odor : strongodorunknown.

Odortheshold :Noinformationavailable.

pH :Noinformationavailable.

Meltingpoint: Noinformationavailable.

Boilingpoint: Noinformationavailable.

Flash point: Noinformationavailable.

Evaporation rate: Noinformationavailable.

Flammability (solid, gas): Noinformationavailable.

Lowerexplosionlimit: Noinformationavailable.

Upperexplosionlimit: Noinformationavailable.

Vaporpressure: Noinformationavailable.

Relativevapordensity : Noinformationavailable.

Density : 0,93 g / cm³ at 20 ° C

Relative density: No information available.

Water solubility: No information available.

Partition coefficient: n-octanol / water: No information available.

Spontaneous ignition temperature: No information available.

Decomposition temperature: No information available.

Viscosity, dynamic : No information available.

Explosive properties : Not classified as explosive.

Oxidizing properties: none

9.2 Other data

no one

10 Stability and reactivity

10.1 reactivity

Form explosive mixtures with air on intense heating. Chemical stability

Forms peroxides on reaction with air

10.2 Possibility of hazardous reactions

Risk of explosion with :

Reducing agents, Alkali metals, Acetylene, Ammonia, Potassium, copper compounds, sodium, oxyhalogen compounds, Boron, halogen oxides, iodides, azides, ammoniac compounds, antimony, mercury oxide, Methanol, ethanol

Risk of ignition or formation of inflammable vapors or gases with:

Powder, Zinc, semi-metals, halogen-halogen compounds, non-metals, non-metal oxides, alkaline salts, Iron, Fluorine, formaldehyde, hydrides, sodium phosphite, phosphorus, sulfur, Titanium, aluminum powder, acetylidene, flammable substances, magnesium, butadiene, CALCIUM HYDRIDE, Diethylether, Aluminum

Violent reactions possible with:

metals, Chlorine hydrides, Acid hydrides, acids Generates dangerous gases or vapor on contact with:

Aluminum Mold can be:

Hydrogen

Exothermic reaction with:

Strong oxidizers, carbides, azides, turpentine oils and / or turpentine substitutes, alkali oxides, lithium silicide, alkaline earth compounds, nitrides, Acetaldehyde, Lithium, fluorides, Phosphorus oxides, Chlorine, Iron

10.3 Conditions to avoid

Strong heating.

10.4 Incompatible materials

Aluminum, dirt, tin, iron or other natural dross, Varis

Aluminum, artificial and / or natural resins, Copper

10.5 Hazardous decomposition products

Peroxides

CHAPTER 11. Toxicological information

11.1 Information on toxicological effects

Mixture

Acute oral toxicity

Symptoms: Nausea, Vomiting

Irritation of the mucous membranes of the mouth, pharynx, esophagus and gastrointestinal tract. Acute toxicity estimate: > 2,000 mg / kg

Calculation method : Acute inhalation toxicity

Symptoms: Possible damages : , mucosal irritations, Cough, Shortness of breath

Acute toxicity estimate: > 20 mg / l; 4 h; steam

Calculation method : Acute dermal toxicity Acute toxicity estimate: > 2,000 mg / kg Calculation method

Skin irritation : The mixture is irritating to the skin.

Eye irritation: The mixture causes severe eye irritation.

Sensitization : Possible sensitivity to prone individuals.

Germ cell mutagenicity : No such information.

Carcinogenicity : No such information.

Reproductive toxicity : No such information.

Mutagenicity : No such information.

CMR effects

Carcinogenicity:

Suspected of causing cancer.

Mutagenicity:

May cause harm to the unborn child.

Specific target organ toxicity - single exposure : No such information.

Specific target organ toxicity - repeated exposure

The mixture may cause damage to organs through prolonged or repeated contact. Target organs: thyroid

Aspiration hazard : No such information.

11.2 Further information

After absorption:

Systemic effects:

Dizziness, Diarrhea, Anesthesia, Hemolysis, Fever

Chronic intoxication: :

Skin lesions, inflammation of the nasal mucosa, conjunctivitis, bronchitis, Asthma

Violatio

Lungs, Kidneys, Liver

Other hazardous properties are possible

This material should be used with extreme caution

CHAPTER 12. Ecological information

Mixture

12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Resultsof PBT andvPvBassessment

Substance (s) inthemixturedoesnotmeetthecriteriafor PBT orvPvBaccording to Regulation (EC) No. 1907/2006. Noassessmentof BAT orvPvBhasbeenperformed.

12.6 Otheradverseeffects

Emissions to theenvironmentmust be avoided.

Toxicity to daphniaandotheraquaticinvertebrates

statictest EC50 Daphniamagna (Waterflea): 0.55 mg / l; 48 h (ECHA)

Toxicity to seaweed

Growthinhibition ErC50 Desmodesmussubspicatus (greenalgae): 0.13 mg / l; 72 h OECD TestGuideline 201

Toxicity to bacteria

EC50 activatedsludge: 280 mg / l; 3 h OECD TestGuideline 209

Biodegradability

Methodsforthedeterminationofbiodegradabilitydonotapply to inorganicsubstances.

CHAPTER 13. Disposal considerations

Waste management methods

Waste must be disposed of in accordance with national and local regulations. Store chemical substances in original containers. Do not mix with other wastes. Store uncleaned containers as the product itself.

Waste Directive / EC Note 2008/98.

For information on return processes for chemicals and containers, visit www.retrologistik.com or contact us if you have any further questions.

CHAPTER 14. Transport information

Land transport (ADR / RID)

14.1 - 14.6 Not classified as dangerous in the meaning of transport regulations.

Inland waterways transport (ADN) Not relevant

Air transport (IATA)

14.1 - 14.6 Not classified as dangerous in the meaning of transport regulations.

Maritime transport (IMDG)

14.1 - 14.6 Not classified as dangerous in the meaning of transport regulations.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

