



UAB „Livestra“

Company code 305295002

VAT code LT100012921210

Vasario 16-sios 4A-9 Kaunas

LITHUANIA

Tel. +370 (6) 0117120 email:info@pinusamber.com

Website address: www.pinusamber.com

SAFETY DATA SHEET

PINUS AMBER Varnish for Wood , Metal , Plaster , Glass ,Musical instruments , Concrete , Stone , Leater, Plaster , for Antifouling .

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

1.1 ProductIdentifier

Product name PINUS AMBER Varnish for Wood , Metal , Plaster , Glass ,Musical instruments , Concrete , Stone , Leater, Plaster , for Antifouling .

Registrationnumber

assignedunder REACH -

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

Identifieduses PINUS AMBER Varnish for Wood , Metal , Plaster , Glass ,Musical instruments , Concrete , Stone , Leater, Plaster , for Antifouling . , (For more information on use, seethe PINUS AMBER website (www.pinusamber.com).

1.2 Details of the supplier of the safety 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, H411

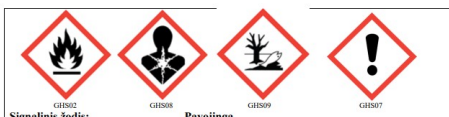
Specifictargetorgantoxicity - repeatedexposure, Category 2, thyroid, H373

Forthefulltextofthe H-StatementsmentionedinthiSection, seeSection 16

2.1 Label elements

Labeling (REGULATION (EC) No 1272/2008)

warning icons



Signal word

Dangerous

Hazard statements

H411 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 use 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. |
|-----------------|--|

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:

nitrogen oxides, sulfur oxides,

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

Safetyglasseswithside-shields

Hand protection

fullcontact:

Glovesmaterial: naturallatex

Glovesthickness: 0,6 mm

Penetrationtime: > 480 min

contactincaseofsplashes :

Glovesmaterial Nitrilebutadienerubber

Glovesthickness: 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. These proceduresmust be properlydocumented.

Poveikio aplinkai kontrolė /Environmental exposure controls

Neleisti produktui patekti į nuotekas.

Donotallowproduct to reachsewagesystem.

CHAPTER 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

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

Relativedensity: Noinformationavailable.

Watersolubility: Noinformationavailable.

Partitioncoefficient: n-octanol / water: Noinformationavailable.

Spontaneousignitiontemperature: Noinformationavailable.

Decompositiontemperature: Noinformationavailable.

Viscosity, dynamic : Noinformationavailable.

Explosiveproperties : Notclassifiedasexplosive.

Oxidizingproperties: none

9.2 Other data

noone

10 Stability and reactivity

10.1 reactivity

Formsexplosivemixtureswithairintenseheating.**Chemicalstability**

Formsperoxidesonreactionwithair

10.2 Possibility of hazardous reactions

Risk ofexplosionwith :

Reducingagents, Alkalimetals, Acetylene, Ammonia, Potassium, coppercompounds, sodium, oxyhalogencompounds, Boron, halogenoxides, iodides, azides, ammoniacompounds, antimony, mercuryoxide, Methanol, ethanol

Risk ofignitionorformationofinflammablevaporsorgaseswith:

Powder, Zinc, semi-metals, halogen-halogencompounds, non-metals, non-metaloxides, alkalinesalts, Iron, Fluorine, formaldehyde, hydrides, sodiumphosphite, phosphorus, sulfur, Titanium, aluminumpowder, acetylidene, flammablesubstances, magnesium , butadiene, CALCIUM HYDRIDE, Diethylether, Aluminum

Violentreactionspossiblewith:

metals, Chloricanhydrides, Acidanhydrides, acidsGeneratesdangerousgasesorvaporsoncontactwith:

AluminumMoldcan be:

Hydrogen

Exothermicreactionwith:

Strongoxidizers, carbides, azides, turpentineoilsand / orturpentine substitutes, alkali oxides, lithiumsilicide, alkalineearthcompounds, nitrides, Acetaldehyde, Lithium, fluorides, Phosphorusoxides, Chlorine, Iron

10.3 Conditions to avoid

Strongheating.

10.4 Incompatible materials

Aluminis, dirbtinès ir/arba natūralios dervos, Varis

Aluminum, artificialand / ornaturalresins, Copper

10.5 Hazardous decomposition products

Peroxides

CHAPTER 11. Toxicological information

11.1 Information on toxicological effects

Mixture

Acuteoraltoxicity

Symptoms: Nausea, Vomiting

Irritationsofthemucousmembranesofthemouth, pharynx, esophagusandgastrointestinaltract. Acutetoxicityestimate:> 2,000 mg / kg

Calculationmethod :Acuteinhalationtoxicity

Symptoms: Possibledamages : , mucosalirritations, Cough, Shortnessofbreath

Acutetoxicityestimate:> 20 mg / l; 4 h; steam

Calculationmethod : AcutedermaltoxicityAcutetoxicityestimate:> 2,000 mg / kg Calculationmethod

Skinirritation :Themixtureisirritating to theskin.

Eyeirritation: Themixturecausessevereeyeirritation.

Sensitization : Possiblesensitivity to proneindividuals.

Germcellmutagenicity : Nosuchinformation.

Carcinogenicity : Nosuchinformation.

Reproductivetoxicity : Nosuchinformation.

Mutagenicity :Nosuchinformation.

CMR effects

Carcinogenicity:

Suspectedofcausingcancer.

Mutagenicity:

Maycauseharm to theunbornchild.

Specifictargetorgantoxicity - singleexposure :Nosuchinformation.

Specifictargetorgantoxicity - repeatedexposure

Themixturemaycausedamage to organsthroughprolongedorrepeatedcontact. Targetorgans: thyroid

Aspirationhazard : Nosuchinformation.

11.2Further information

Afterabsorption:

Systemiceffects:

Dizziness, Diarrhea, Anesthesia, Hemolysis, Fever

Chronicintoxication: :

Skinlesions, inflammationofthenasalmucosa, conjunctivitis, bronchitis, Asthma

Violatio

Lungs, Kidneys, Liver

Otherhazardousproperties are possible

Thismaterialshould be usedwithextremecaution

CHAPTER 12. Ecologicalinformation

Mixture

12.1 Toxicity

Noinformationavailable.

12.2 Persistenceanddegradability

Noinformationavailable.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

Substance (s) in the mixture does not meet the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006. No assessment of BAT or vPvB has been performed.

12.6 Other adverse effects

Emissions to the environment must be avoided.

Toxicity to daphnia and other aquatic invertebrates

static test EC50 Daphnia magna (Waterflea): 0.55 mg / l; 48 h (ECHA)

Toxicity to seaweed

Growth inhibition ErC50 Desmodesmus subspicatus (green algae): 0.13 mg / l; 72 h OECD

Test Guideline 201

Toxicity to bacteria

EC50 activated sludge: 280 mg / l; 3 h OECD Test Guideline 209

Biodegradability

Methods for the determination of biodegradability do not apply to inorganic substances.

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