It has been prepared in accordance with the Directive 91/155 / EC of the European Union and its amendments (93/112 / EC, 2001/58 / EC) and the Communiqué on Procedures and Principles for the Preparation of Safety Data Sheets numbered 24692 and dated 11/03/2002.

**1. IDENTIFICATION OF THE MATERIAL/PREPARATION AND COMPANY/OWNER**

Material/Preparation Name and Code: Yalaz Industrial Paint

Preparation Date: 01/09/2008

**Product Group:** Top-Coat Paint

**Use of the Material / Preparation:** Acrylic binder based top-coat paint.

**Introduction of the company:** Yalaz Boya Kim.Ve Gida Ürn.İth.İhr.San.Tic.Ltd.Şti

Emergency Phone: 02324792635

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Materials which are harmful to health and environment according to hazardous chemical regulations (dated 11.07.1993 and numbered 21634) and directive 67/548/EEC of the European Union

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **EC No.** | **CAS No** | **Ingredients %** | **Classification (T.R.27092 )**  **(67/548/EEC)** |
| 2- butanone oxime | 202-496-6 | 96-29-7 | 0,4-07% | Carc. Cat. 3;R40 Xn;R21 R43 Xi;R41 |
| Toluene | 203-625-9 | 108-88-3 | 2-10% | Repr. Cat. 3; Xn, Xi, F; R 11-38-48/20-63-65-67 |
| Solvent naphtha (petrol), light aromatic (not P) | 265-199-0 | 64742-95-6 | 1-5% | Xn;R65 |
| xylene | 215-535-7 | 1330-20-7 | 2-10% | R10 Xn;R20/21 Xi;R38 |

Full Text For All (R) Clauses Are Given In Section 16.

ABOUT LAYOUT

The data are given in accordance with the latest directive of EU.

**3. HAZARDS INTRODUCTION**

**Definition of hazard:**

Xn is harmful to health

**Special hazard warnings for human and the environment:**

The product shall have a descriptive label, depending on the method of calculation of the most recent published "Instructions for Preparation Materials General Grading Order in European Union ".

R 10 Flammable.

R 38 Skin irritant.

R 48/20 Harmful to health: If it is inhaled for a long time, it may be harmful to health.

R 63 May be harmful to the fetus.

R 65 Harmful to health: It may cause lung damage if swallowed.

R 67 Vapors may cause sleepiness and drowsiness.

**Classification system:**

The classification is in accordance with current European Community lists and has been supplemented with information from the specialized literature and supplied by the companies.

**Prevention:**

Fulfill special instructions before use.

Do not make any application without reading and understanding all the safety precautions.

Keep away from fire/spark/open flame/hot surfaces. - Do not smoke.

Keep the container tightly closed.

Close/isolate the container and receiving devices.

Use explosion-resistant electrical / ventilation / lighting equipment.

Use only the tools that do not spark.

Take protective measures against static discharge.

Do not breathe dust / smoke / gas / steam / spray.

Avoid breathing dust / smoke / gas / steam / spray.

Clean well after any application.

Contaminated working clothes shall not be allowed to be taken out of the workplace.

Use protective gloves / protective clothing / eyeglasses / face shield.

Use personal protective equipment as required.

In case of insufficient breathing, wear respiratory protective equipment.

**4. FIRST AID MEASURES**

**GENERAL INFORMATION**

Do general first aid, relax, keep warm and provide fresh air to the victim. If he is fainted, do not make him drink anything.

Consult doctor in case of persistent symptoms. The poisoning symptoms may occur after several hours. For this reason, he must be under doctor control until at least 48 hours after the accident.

**· Inhalation:** In case of unconsciousness he must be laid down in the fixed side position.

**· Contact with skin:** Wash and rinse the skin with soap and water.

**· Contact with eyes:** Keep the eyes open under the running water for several minutes with the eyelids open.

**· Swallow:** Consult doctor in case of persistent symptoms.

**5.** **FIRE FIGHTING MEASURES**

**EXTINGUISHING TOOLS**

Materials to extinguish the fire:  Water spray or fog (Water jet is not used.). Foam, carbon dioxide or dry powder. Dry chemicals, sand, dolomite.

**SPECIAL FIRE FIGHTING PROCEDURES**

Use a compressed air mask in case of product fire. Cool containers, which are exposed to flames, with water until the fire extinguishes.

**EXTRAORDINARY FIRE & EXPLOSION HAZARDS**

Fire causes the release of toxic gases.

**PROTECTIVE MEASURES FROM FIRE**

In case of fire use self-contained breathing equipment and full protective clothing.

**6. MEASURES AGAINST THE ACCIDENTAL SPREAD**

**PERSONAL SAFETY PRECAUTIONS**

Wear protective equipment. Keep away unprotected persons.

**ENVIRONMENTAL PROTECTION MEASURES**

No special measure is required.

**CLEANING / COLLECTION METHODS**

Absorb with liquid binder material (sand, diatomite, acid binder, general binder, sawdust). Dispose of contaminated material as waste according to item 13.

Provide adequate ventilation. Do not wash with water or watery cleaning agents.

**7. USAGE AND STORAGE**

**USAGE MEASURES**

Do not pour it down and avoid skin and eye contact.  Provide adequate ventilation, avoid inhalation. If the pollution of the ambient air is above the acceptable level, use an approved respiratory equipment.

**STORAGE MEASURES**

Store in cool and dry places as tightly closed and in original container.

**STORAGE CLASS**

Flammable liquid storage.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Further information on the design of technical installations:** No further information, see from item 7.

**Additional warnings:** The lists valid on the date of issue were taken as basis.

**Personal protective equipment:**

**General protective and sanitary measures:**

Keep it away from foodstuffs, beverages and feedstuffs.

Wash your hands before the breaks and after the working time.

Do not inhale the Gases/Vapors/liquids that are scattered in the fog in the Gas.

**·** **Breathing protection measures:**

Use a breathing filter device if it is exposed to short-term or low-level adverse effects, or if it is exposed to intense or long-lasting effects, a breathing-protection device independent of the surrounding air.

**· Hand protection:**

Glove material must be impermeable and resistant to the product / material / preparation.

Glove for the product / prepared material / chemical mixture due to the lack of testing

no advice can be made about the material that should be used in its manufacture.

The selection of materials used for glove manufacturing requires consideration of perforation times, permeability rates and degradation.

**· Glove material**

In selecting the appropriate gloves, not only the manufacturing material but also other quality features must be taken into consideration and these vary from manufacturer to manufacturer. Since each product is made of a combination of many materials, the durability of gloves can not be calculated in advance and therefore every glove must be checked before use.

**· Penetration time to glove material**

The exact perforation (wear) time must be learned from the manufacturer of the glove and this time period must be respected.

**· Eye protection:**

Wear safety glasses that closes the edges and suitable respiratory protective equipment.

**9. PHYSICAL AND CHEMICAL FEATURES**

Appearance: Liquid

Odor: Characteristic

Color: Various colors

PH: -

Boiling point:-

Flash Point: >21°C

Flammability:-

Explosive features:-

Oxidation features:-

Vapor pressure:-

Relative Density: 1,4±0,1 gr/ml

Vapor density:-

Evaporation rate:-

Other information:-

Miscibility:-

Conductivity:-

Auto-flaming temperature:-

**10. STABILITY AND REACTIVITY STABILITY**

**· Thermal decomposition/avoidance conditions:** No decomposition when used properly.

**· Hazardous reactions:** No dangerous reactions known.

**· Hazardous decomposition materials:** dangerous decomposition materials are detected. There is no particular stability.

**SITUATIONS MUST BE AVOIDED**

Avoid from strong reductive substances. Avoid contact with strong oxidizers. Avoid heat, flame and other ignition sources. Water, humidity.

**DANGEROUS DECOMPOSITION / DISPOSAL PRODUCTS**

In the case of thermal decomposition or combustion, carbon oxides and other toxic gases and vapors may be released.

**11.** **TOXICOLOGICAL INFORMATION**

**Toxic Dose**

**Toluene**

Oral LD50 5000 mg/kg (rat)

Skin LD50 12124 mg/kg (rabbit)

Breathe LC50/4 h 5320 mg/l (mouse)

**TOXICOLOGICAL INFORMATION:** No data is recorded.

**GENERAL INFORMATION**

Long-term, repeated contact with solvents may cause permanent health problems.

**INHALATION**

Inhaling the vapors of this chemical may be dangerous. High density gas or vapor may irritate the respiratory system.

**SWALLOW**

**Harmful:** If swallowed, it may damage the lungs.

**CONTACT WITH SKIN**

Repeated exposure may cause dryness and cracks in the skin.

**CONTACT WITH EYES**

Repeated exposure may cause chronic eye irritation.

**OTHER HEALTH EFFECTS**

Cancer Hazard Suspicion. Carcinogenic Category 3.

**ROUTE OF ENTRY:** Inhalation

**TARGET ORGANS:** Lungs

**MEDICAL SYMPTOMS**

High-density vapor may irritate the respiratory system and cause headache, fatigue, nausea and vomiting.

**Name:** 2- butanone oxime

**TOXIC DOSE 1 – LD 50 >5000 mg/kg**

**TOXIC DENSITY– LC 50 >5000 ppm/--**

**12. ECOLOGICAL INFORMATION**

**ECOTOXICITY**

The product is not expected to be dangerous for the environment.

**MOBILITY**

Experimental information about the product itself is not available.

**BIOACCUMULATION POTENTIAL**

Experimental information about the product itself is not available.

**STABILITY AND DEGRADATION**

Experimental information about the product itself is not available.

**13. DISPOSAL INFORMATION**

**GENERAL INFORMATION**

Waste should be treated as waste subject to control. As indicated by the Local Waste Disposal Authorities, it is disposed of at the licensed waste disposal site.

**DISPOSAL METHODS**

Dispose of garbage and waste in accordance with local regulations. The containers must be empty before you throw them (risk of explosion). Throw it in the special trash bin by impregnating it to vermiculite or dry sand.

**14. TRANSPORT INFORMATION**

Transportation Details

ADR (Highway) Transportation Name: Flammable liquid

UN Number:1263

Paint Class:3

IMDG (Seaway) Transportation Name:

UN Number:1263

Paint Class:3

Packaging group: III

EmS No: .3-05

Marine pollutant: Yes MFAG table no:310

**15. LEGISLATION INFORMATION**

**Labeling according to EEC directives:**

The product is classified and labeled according to the EC directives / hazardous material directive.

**Product code letter and hazard identification:**

Xn Harmful to health

**Hazard-determining components for labeling:**

Toluene

**· Risk warnings:**

10 Flammable

38 Skin irritant.

48/20 Harmful to health: If it is inhaled for a long time, it may be harmful to health

63 May be harmful to the fetus

65 Harmful to health: It may cause lung damage if swallowed

67 Vapors may cause sleepiness and drowsiness

**· Safety warnings:**

23 Do not inhale Gas / Smoke / Steam / Aerosol.

36/37 Use suitable protective gloves and protective clothing when working.

43 Use sand, carbon dioxide or powder extinguishers to extinguish, do not use water.

60 This material and its container must be disposed of as hazardous waste.

62 If it is swallowed, do not vomit. Immediately consult a doctor and show the package or this label.

**· Specific labeling of certain mixtures:**

2- It contains butanone oxime, phthalic anhydride. It may cause allergic reactions.

**16. OTHER INFORMATIONS**

The data relate to our present state of knowledge, but do not constitute a guarantee of product features and do not establish a contractual legal relationship.

**Important R clauses mentioned in Section 3**

10 Flammable.

11 Easily flammable

20 Harmful to health when inhaled.

20/21 Harmful to health in contact with skin and if inhaled.

20/21/22 Harmful to health by inhalation, if swallowed and in contact with skin.

36/38 Irritating to eyes and skin.

37 Irritating to respiratory organs.

38 Irritating to skin.

43 It is possible to increase sensitivity with skin contact.

48/20 Harmful to health: If it is inhaled for a long time, it may be harmful to health.

48/25 Toxic: If it is exposed for a long time after swallowing, it may be harmful to health.

52/53 It is harmful to water organisms. Harmful effects may occur in standing and running water.

63 May be harmful to the fetus.

65 Harmful to health: It may cause lung damage if swallowed.

67 Vapors may cause sleepiness and drowsiness.