



YALAZ PAINT MATERIAL SAFETY DATA SHEET

It has been prepared in accordance with the Regulation (EC) No 1272/2008

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

1.1. Product Identifier

Material/Preparation Name and Code: Yalaz Polyurethan Thinner

Preparation Date: 01/09/2008

Product Group: Thinner

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

Use of the Material / Preparation: It can be used at thinning polyurethane based products and in cleaning application tools.

1.3. Details of the supplier of the safety data sheet

Supplier: Yalaz Boya Kim. Ve Gıda Ürn. İth. İhr. San. Tic. Ltd. Şti

Yazıbaşı Torbalı İZMİR

www.yalazboya.com.tr

1.4. Emergency Phone: 02324792635

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards: Flam. Liq. 2 - H225

Health hazards: Acute Tox. 4 - H302 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Repr. 2 - H361d STOT SE 2 - H371 STOT RE 2 - H373 Asp. Tox. 1 - H304

Environmental hazards: Not Classified

Human health: The product is irritating to eyes and skin. Contains a substance/a group of substances which may damage the unborn child.

2.2. Label elements

Pictogram



Signal Word : Danger

Hazar Statements:

H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H361d Suspected of damaging the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements:



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- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Nonsmoking.
- P233 Keep container tightly closed.
- P240 Ground/ bond container and receiving equipment.
- P241 Use explosion-proof electrical equipment.
- P243 Take precautionary measures against static discharge.
- P260 Do not breathe vapour/ spray.
- P264 Wash contaminated skin thoroughly after handling.
- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
- P308+P313 IF exposed or concerned: Get medical advice/ attention.
- P314 Get medical advice/ attention if you feel unwell.
- P321 Specific treatment (see medical advice on this label).
- P331 Do NOT induce vomiting.
- P332+P313 If skin irritation occurs: Get medical advice/ attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.
- P501 Dispose of contents/ container in accordance with national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS No	Ingredients %	Classification (T.R.27092) (67/548/EEC)
BUTYL ACETATE - norm	204-658-1	123-86-4	75-85%	Flam. Liq. 3 - H226 STOT SE 3 - H336
2-METHOXY-1-METHYLETHYL ACETATE	203-603-9	108-65-6	10-20%	Flam. Liq. 3 - H226

The full text for all hazard statements is displayed in Section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

General information : In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. Show this label or product container to the medically authorized person.



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Inhalation: Move affected person to fresh air at once. Get medical attention.

Ingestion: DO NOT induce vomiting. Get medical attention immediately. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.

Skin contact : Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention immediately.

Eye contact: Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

Protection of first aiders : First aid personnel should wear appropriate protective equipment during any rescue.

4.2. Most important symptoms and effects, both acute and delayed

General information: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation : Harmful if inhaled.

Ingestion: May be fatal if swallowed and enters airways.

Skin contact,: Causes skin irritation.

Eye contact: Irritation, burning, lachrymation, blurred vision after liquid splash. May cause serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor: Treat symptomatically

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Use fire-extinguishing media suitable for the surrounding fire. Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

Unsuitable extinguishing media: Water.

5.2. Special hazards arising from the substance or mixture

Specific hazards: Not known.

Hazardous combustion products: Oxides of carbon.

5.3. Advice for firefighters

Protective actions during firefighting: Contain and collect extinguishing water.

Special protective equipment for firefighters: Wear chemical protective suit. Use air-supplied respirator, gloves and protective goggles.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes.



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For non-emergency personnel: No data available.

For emergency responders: No data available.

6.2. Environmental precautions

Environmental precautions: Avoid or minimise the creation of any environmental contamination. Contain spillage with sand, earth or other suitable non-combustible material.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections

Reference to other sections: For personal protection, see Section 8. The product contains a substance which is hazardous to aquatic organisms and which may cause long term adverse effects in the aquatic environment. See Section 12 for additional information on ecological hazards.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Usage precautions: Avoid spilling. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level. Wear eye and face protection. Wear appropriate clothing to prevent any possibility of skin contact.

Advice on general occupational hygiene: When using do not eat, drink or smoke. Do not smoke in work area. Eye wash facilities and emergency shower must be available when handling this product. Good personal hygiene procedures should be implemented. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes wet or contaminated.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions: Store in tightly-closed, original container in a dry, cool and well-ventilated place.

Storage class: Flammable liquid storage.

7.3. Specific end use(s)

Usage description: Use the product according to its Technical Data Sheet or instructions written on the label

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits

BUTYL ACETATE -norm

Long-term exposure limit (8-hour TWA): WEL 150 ppm 724 mg/m³

Short-term exposure limit (15-minute): WEL 200 ppm 966 mg/m³

2-METHOXY-1-METHYLETHYL ACETATE

Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 274 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 548 mg/m³(Sk)



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WEL = Workplace Exposure Limit

8.2. Exposure controls

Protective equipment



Appropriate engineering controls: Provide adequate general and local exhaust ventilation. Ensure that the direction of airflow is clearly away from the worker. Use approved respirator if air contamination is above an acceptable level. Use explosion-proof electrical, ventilating and lighting equipment. Static electricity and formation of sparks must be prevented.

Personal protection: Use the personal protective equipments showed above. Remove sources of ignition, do not turn lights or unprotected electrical equipment on or off. In case of a major spill or spillage in a confined space evacuate the area and check that solvent vapour levels are below the Lower Explosive Limit before re-entering.

Eye/face protection: Wear tight-fitting, chemical splash goggles or face shield.

Hand protection: Use protective gloves.

Other skin and body protection: Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures: Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. Do not eat, drink or smoke when using this product.

Respiratory protection : If ventilation is inadequate, suitable respiratory protection must be worn.

Thermal hazards: No data available.

Environmental exposure controls: Keep container tightly sealed when not in use. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

9. PHYSICAL AND CHEMICAL FEATURES

Appearance: Liquid

Odor: Characteristic

Color: Clear

PH: -

Boiling point:-

Flash Point: 24.5 °C

Flammability:-

Explosive features:-

Oxidation features:-

Vapor pressure:-

Density: 0,86-0,90 g/ml 20°C

Vapor density:-



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10. STABILITY AND REACTIVITY STABILITY

10.1. Reactivity

10.2. Chemical stability

Stability: Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions: Not known.

10.4. Conditions to avoid

Conditions to avoid: Avoid heat, flames and other sources of ignition. Keep away from heat, sparks and open flame. Static electricity and formation of sparks must be prevented.

10.5. Incompatible materials

Materials to avoid: Avoid contact with the following materials: Acids - oxidising.

10.6. Hazardous decomposition products

Hazardous decomposition products: Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg): 1,086.96

Acute toxicity - dermal

ATE dermal (mg/kg): 3,235.29

Acute toxicity - inhalation

ATE inhalation (gases ppm): 7,071.83

ATE inhalation (vapours mg/l): 32.35

ATE inhalation (dusts/mistsmg/l): 5.36

12. ECOLOGICAL INFORMATION

Ecotoxicity: Substances in the product are not classified as hazardous to the environment. But, repeated spillages in large amounts may be harmful for the environment and aquatic organisms.

12.1. Toxicity

12.2. Persistence and degradability: There are no data on the degradability of this product.

12.3. Bioaccumulative potential: No data available on bioaccumulation.

12.4. Mobility in soil: Not applied.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects



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13. DISPOSAL CONSIDERATIONS

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

14.1. UN number

UN No. (ADR/RID): 1263

UN No. (IMDG): 1263

UN No. (ICAO): 1263

UN No. (ADN): 1263

14.2. UN proper shipping name

Proper shipping name (ADR/RID): PAINT RELATED MATERIAL

Proper shipping name (IMDG): PAINT RELATED MATERIAL

Proper shipping name (ICAO): PAINT RELATED MATERIAL

Proper shipping name (ADN): PAINT RELATED MATERIAL

14.3. Transport hazard class(es)

ADR/RID class: 3

ADR/RID classification code: F1

ADR/RID label: 3

IMDG class: 3

ICAO class/division: 3

ADN class: 3

Transport labels



14.4. Packing group

ADR/RID packing group: II



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IMDG packing group: II

ADN packing group: II

ICAO packing group: II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant: No.

14.6. Special precautions for user

EmS: F-E, S-E

ADR transport category: 2

Emergency Action Code: •3YE

Hazard Identification Number (ADR/RID): 33

Tunnel restriction code: (D/E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not Applicable

15. LEGISLATION INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation: According to Regulation EC no: 1272/2008

16. OTHER INFORMATIONS

This MSDS is prepared based on the information received from the raw material supplier.

Hazard statements in full

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

H351 Suspected of causing cancer.

H361d Suspected of damaging the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.



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This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.