



SAFETY DATA SHEET

822-9108

ROAD MARKING PAINT THINNER

REVISION DATE: 30.05.2018 / Rev:03

PREPARATION DATE: 02.09.2005

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	Road Marking Paint Thinner (822-9108)
MANUFACTURER	DYO Boya Fabrikalari San ve Tic A.S. 10003 Sok. No.2 A.O.S.B Çiğli 35620 Izmir-Turkey www.dyo.com.tr okan.ergul@dyo.com.tr Tel:+902323280880 Fax:+902323768055
APPLICATION	Thinner for solvent based road marking paint (for application and for paint equipment cleaning)
CONTACT PERSON	Okan Ergül
EMERGENCY TELEPHONE	+902323280880

2 HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

CLASSIFICATION (EC 1272/2008)

Physical and Chemical Hazards: Flam. Liq. 2 - H225

Human health: Skin Irrit. 2 - H315; Eye Irrit. 2 - H319 ; STOT SE 3 - H336; Repr. 2 - H361d; STOT RE 2 - H373;
Asp. Tox. 1 - H304

Environment: Not classified.

The Full Text for all Hazard Statements are Displayed in Section 16.

2.2. Label elements

LABEL IN ACCORDANCE WITH (EC) No. 1272/2008



SIGNAL WORD: Danger

CONTAINS:

TOLUENE

ACETONE

HAZARD STATEMENTS

H225 Highly flammable liquid and vapour.



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H304 May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H361d Suspected of damaging the unborn child.

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

PRECAUTIONARY STATEMENTS

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P260 Do not breathe vapour/spray.

P261 Avoid breathing vapour/spray.

P264 Wash contaminated skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P281 Use personal protective equipment as required.

P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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

P308+313 IF exposed or concerned: Get medical advice/attention.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P314 Get medical advice/attention if you feel unwell.

P321 Specific treatment (see medical advice on this label).

P331 Do NOT induce vomiting.

P332+313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/ attention.



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- P362 Take off contaminated clothing and wash before reuse.
- P370+378 In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.
- P403+233 Store in a well-ventilated place. Keep container tightly closed.
- P403+235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.
- P501 Dispose of contents/container as hazardous waste in accordance with the local/national regulations.

The product is for professional use only.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS No	EC No	%	Classification (EC 1272/2008)
TOLUENE	108-88-3	203-625-9	70-90	Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Repr. 2 - H361d STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304
ACETONE	67-64-1	200-662-2	10-30	Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336

The Full Text for all H-Phrases is Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION: Get medical attention if any discomfort continues

INHALATION: Move injured person into fresh air and keep person calm under observation. If uncomfortable: Seek hospital and bring these instructions.

INGESTION: DO NOT INDUCE VOMITING! Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable seek hospital and bring these instructions.

SKIN CONTACT: Rinse the skin immediately with lots of water.

EYE CONTACT: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Continue flushing during transport to hospital. Bring these instructions.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Extinguish with foam, carbon dioxide, dry powder or water fog.

PROTECTIVE MEASURES IN FIRE: Wear full protective clothing.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:



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Wear protective clothing as described in Section 8 of this safety data sheet. Do not smoke, use open fire or other sources of ignition.

ENVIRONMENTAL PRECAUTIONS:

Collect and dispose of spillage as indicated in section 13.

METHODS FOR CLEANING UP

Refer to protective measures listed in section 7 and 8. Contain and collect spillages with non-combustible materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Clean preferably with water, avoid the use of solvents.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid eating, drinking and smoking when using the product. Avoid contact with skin and eyes.

Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air. Additionally, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. Keep the container tightly closed. Avoid skin and eye contact.

Avoid inhalation of vapours and spray mist. Smoking, eating and drinking should be prohibited in areas of storage and use.

For personal protection, see Section 8. Always keep in containers made of the same material as the supply container.

STORAGE PRECAUTIONS

Store between 5 and 25°C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Containers, which are opened should be properly resealed and kept upright to prevent leakage. Apply storage precautions given in Section 2.

STORAGE CLASS

Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL-15 min		Notes
TOLUENE	WEL	50 ppm(Sk)	191 mg/m3(Sk)	150 ppm(Sk)	574 mg/m3(Sk)	
ACETONE	WEL	500 ppm	1210 mg/m3	1500 ppm	3620 mg/m3	

WEL =Workplace Exposure Limit.

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES UPprovide adequate ventilation. Observe occupational exposure limits and minimize the risk of



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inhalation of spray.

HAND PROTECTION: Use protective gloves.

EYE PROTECTION: Wear goggles/face shield.

All kinds of direct and/or prolonged exposure must be avoided.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE::	Liquid
COLOR:	Transparent
ODOR:	Aromatic
DENSITY:	0.83-0.87 gr/cm ³ (20°C)
FLASH POINT (°C):	>=-18 °C
BOILING POINT:	>=56 °C
AUTO IGNITION TEMPERATURE (°C):	>= 480 °C
LOWER EXPLOSION LIMIT:	1.1 v/v
UPPER EXPLOSION LIMIT:	13 v/v

10 STABILITY AND REACTIVITY

STABILITY: Stable under normal temperature conditions and recommended use.

11 TOXICOLOGICAL INFORMATION

There is no data available on the product itself.

The product has been classified in accordance with local and EU regulations. See Sections 2,3 and 15 for details.

General notes: Inhalation of aerosol may cause risk of chemical pneumonitis.Prolonged contact with skin may cause flush, irritation and eczema.

May be fatal if swallowed and enters airways.

Causes skin irritation.

Causes serious eye irritation.

May cause drowsiness or dizziness.

Suspected of damaging the unborn child.

May cause damage to organs through prolonged or repeated exposure.

Please read and apply the health precautions given in Section 2. **All kinds of direct and/or prolonged exposure must be avoided.**

12 ECOLOGICAL INFORMATION

There is no data available on the product itself. The product has been classified in accordance with local and EU regulations. See Sections 2,3 and 15 for details.



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13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION: Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority. Only experts should be permitted to carry out disposal of this material.

14 TRANSPORT INFORMATION

14.1. UN number

UN No. (ADR/RID/ADN) 1263

UN No. (IMDG) 1263

UN No. (ICAO) 1263

14.2. UN proper shipping name

Proper Shipping Name PAINT RELATED MATERIAL

14.3. Transport hazard class(es)

ADR/RID/ADN Class 3

ADR/RID/ADN Class Class 3: Flammable liquids.

ADR Label No. 3

IMDG Class 3

ICAO Class/Division 3

Transport Labels



14.4. Packing group

ADR/RID/ADN Packing group II

IMDG 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-D

ADR Transport Category 2

Emergency Action Code •3YE

Hazard No. (ADR) 33

Special Provisions: 640D

Tunnel Restriction Code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

15 REGULATORY INFORMATION



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

EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV. List of substances subject to authorization. Substances of very high concern.

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles. Not applicable. (The product is for professional use only.)

National legislation: "13 Aralık 2014 (13.12.2014) tarihli, 29204 mükerrer sayılı R.G. ," T.C. Çevre ve Şehircilik Bakanlığı Zararlı maddeler ve karışımlara ilişkin güvenlik bilgi formları hakkında yönetmeliği"

16 OTHER INFORMATIONS

GENERAL INFORMATION: The ambient temperature and the temperature of the surfaces to be treated should be higher than 5°C.

DEFINITION OF REVISION: Revised according to CLP classification and national legislation (See section 15).

SIGNATURE: Okan ERGÜL, R&D SPECIALIST

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HAZARD STATEMENTS IN FULL

H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation

H336 May cause drowsiness or dizziness.

H361d Suspected of damaging the unborn child.

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

Note : **The product is for professional use only.**

DISCLAIMER

The information contained in this safety data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information and Packaging) Regulations. The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that requirements of relevant legislation are complied with. The information contained in this material safety data sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.