



SAFETY DATA SHEET 772- DYOSTOP

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name 772- DYOSTOP

Description Solvent borne odourless, matt paint based on thermoplastic resin, designed for interior mineral substrates.

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

Identified uses All types of walls and ceilings where permanent and absolute waterproofing is necessary like basements , galleries , tunnels with high humidity.

1.3. Details of the supplier of the safety data sheet

Supplier DYO Boya Fabrikaları San. ve Tic. A.Ş.
D.O.S.B 2.Kısım Fırat Cad. No:11 Dilovası/Kocaeli/Turkey
www.dyo.com.tr
02627547560
02627547571

Contact person Elvan Sağlam

Manufacturer DYO Boya Fabrikaları San.ve Tic. A.Ş.
Atatürk Organize Sanayi Bölgesi 10003 Sok. No:2 35620 Çiğli/İzmir/Turkey
02323280880
02323768055
www.dyo.com.tr

1.4. Emergency telephone number

Emergency telephone 02627547560 / 02624440396 02323280880

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC/1272/2008)

Physical hazards Flam. Liq. 3 - H226

Health hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Asp. Tox. 1 - H304

Environmental hazards Aquatic Chronic 4 - H413

2.2. Label elements

Pictogram



Signal word

Danger

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Hazard statements

H226 Flammable liquid and vapour.
 H304 May be fatal if swallowed and enters airways.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H413 May cause long lasting harmful effects to aquatic life.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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.
 P264 Wash contaminated skin thoroughly after handling.
 P273 Avoid release to the environment.
 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.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 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.

Contains

Cement Portland (White Cement), Alkanes C9-12-iso-

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Cement Portland (White Cement)		20-30%
CAS number: 65997-15-1	EC number: 266-043-4	
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318		
Alkanes C9-12-iso-		20-30%
CAS number: 90622-57-4	EC number: 292-459-0	
Classification Flam. Liq. 3 - H226 Asp. Tox. 1 - H304 Aquatic Chronic 4 - H413		

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Kieselguhr, soda ash flux-calcined CAS number: 68855-54-9	1-5%
Classification STOT RE 2 - H373	
1-isopropyl-2,2-dimethyltrimethylene diisobutyrate CAS number: 6846-50-0	1-5%
Classification Aquatic Chronic 3 - H412	

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Get medical attention if any discomfort continues.
Inhalation	Remove person to fresh air and keep comfortable for breathing. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.
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	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Get medical attention if any discomfort continues.
Protection of first aiders	No specific requirements are anticipated under normal conditions of use.

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

General information	Not dangerous under normal conditions. Get medical attention if any discomfort continues, and take this SDS with you.
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4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
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5.2. Special hazards arising from the substance or mixture

Specific hazards	Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m ³ . Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.
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5.3. Advice for firefighters

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Protective actions during firefighting	Avoid breathing fire gases or vapours. Risk of re-ignition after fire has been extinguished. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Use special protective clothing. Regular protection may not be safe. Cool containers exposed to flames with water until well after the fire is out. Containers close to fire should be removed or cooled with water. Do not allow water to contact any leaked material. Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment for firefighters	Wear chemical protective suit. Use air-supplied respirator, gloves and protective goggles. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 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. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Take precautionary measures against static discharges. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation.
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6.2. Environmental precautions

Environmental precautions	Do not discharge into drains or watercourses or onto the ground. Avoid release to the environment. Collect and dispose of spillage as indicated in Section 13.
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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. Avoid contact with skin or inhalation of spillage, dust or vapour. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Flush contaminated area with plenty of water. Take care as floors and other surfaces may become slippery.
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6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Do not eat, drink or smoke when using the product. Avoid inhalation of vapours/spray and contact with skin and eyes. Provide adequate ventilation. Persons with impaired lung function should not handle this product..
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7.2. Conditions for safe storage, including any incompatibilities

Storage precautions	Keep separate from food, feedstuffs, fertilisers and other sensitive material. Avoid contact with oxidising agents. Take precautionary measures against static discharges. Store in tightly-closed, original container in a well-ventilated place. 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.
Storage class	Chemical storage.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

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8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours.

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

Provide eyewash station. Wash promptly if skin becomes contaminated. Contaminated clothing should be placed in a closed container for disposal or decontamination. Warn cleaning personnel of any hazardous properties of the product. Remove contaminated clothing and wash the skin thoroughly with soap and water after work. When using do not eat, drink or smoke.

Respiratory protection

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

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	White.
Odour	Solvent.
Odour threshold	No information required.
pH	Technically not feasible.
Melting point	Technically not feasible.
Initial boiling point and range	170 - 190°C
Flash point	56°C (kapalı kap)
Evaporation rate	No specific test data are available.
Evaporation factor	No specific test data are available.
Flammability (solid, gas)	No specific test data are available.
Upper/lower flammability or explosive limits	LEL : 0,6 % Volume , UEL :7 % Volume
Other flammability	No specific test data are available.
Vapour pressure	<200 mmHg at 38°C
Vapour density	No specific test data are available.
Relative density	Technically not feasible.
Bulk density	1,48 - 1,52 g/cm3, 25°C
Solubility(ies)	Insoluble in water.
Partition coefficient	No specific test data are available.

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Auto-ignition temperature	No specific test data are available.
Decomposition Temperature	Technically not feasible.
Viscosity	115 - 120 KU, 25°C
Explosive properties	Technically not feasible.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	There are no chemical groups present in the product that are associated with oxidising properties.
Comments	Information given is applicable to the product as supplied.

9.2. Other information

Volatile organic compound	< 400 g/L (Teorik) Directive 2004/42/CE Annex II.A-g
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Keep away from oxidizing agents, strongly alkaline and acidic materials to prevent the possibility of exothermic reaction.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Will not polymerise.
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10.4. Conditions to avoid

Conditions to avoid	Avoid contact with strong oxidising agents. Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.
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10.5. Incompatible materials

Materials to avoid	Strong alkalis. Strong acids.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Carbon monoxide (CO). Oxides of carbon. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m ³ .
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	No information available.
Other health effects	There is no evidence that the product can cause cancer.
Skin corrosion/irritation	Repeated exposure may cause skin dryness or cracking.
Serious eye damage/irritation	Repeated exposure may cause chronic eye irritation.
Respiratory sensitisation	Vapour from this chemical can be hazardous when inhaled. Gas or vapour at high concentrations may irritate respiratory system.

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Skin sensitisation

Skin sensitisation Repeated exposure may cause skin dryness or cracking.

Specific target organ toxicity - single exposure

STOT - single exposure May cause drowsiness or dizziness.

Target organs Central nervous system

Aspiration hazard

Aspiration hazard May be fatal if swallowed and enters airways.

SECTION 12: Ecological Information

12.1. Toxicity

Acute toxicity - fish LC₅₀, 96 hours: Veri yok mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: Veri yok. mg/l, Daphnia magna

Acute toxicity - aquatic plants IC₅₀, 72 hours: Veri yok. mg/l, Algae

12.2. Persistence and degradability

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

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient No specific test data are available.

12.4. Mobility in soil

Mobility The product contains substances which are insoluble in water and which may spread on water surfaces.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be considered. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Dispose of empty containers in accordance with national regulations. International Disposal Code of product : 080111
International Disposal code of containers : 150110

Disposal methods Burning

Waste class H3-B H-5

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1263

UN No. (IMDG) 1263

UN No. (ICAO) 1263

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UN No. (ADN) 1263

14.2. UN proper shipping name

Proper shipping name (ADR/RID) PAINT

Proper shipping name (IMDG) PAINT

Proper shipping name (ICAO) PAINT

Proper shipping name (ADN) PAINT

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 III

IMDG packing group III

ADN packing group III

ICAO packing group III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

EmS F-E, S-E

ADR transport category 3

Emergency Action Code •3Y

Hazard Identification Number (ADR/RID) 30

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.

SECTION 15: Regulatory information

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

EU legislation	Dangerous Preparations Directive 1999/45/EC. Dangerous Substances Directive 67/548/EEC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)(as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
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15.2. Chemical safety assessment

SECTION 16: Other information

Revision comments	This is first issue.
Issued by	Elvan Saglam / DYO Architectural Paints R&D Specialist. Certified Safety Data Sheet Preparer, Certification no: GBF-1801 www.dyo.com.tr elvan.saglam@dyo.com.tr Tel : +90 262 754 75 60
Revision date	25/02/2016
Revision	0.1
Supersedes date	25/02/2016
SDS number	20526
Hazard statements in full	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H318 Causes serious eye damage. H373 May cause damage to organs through prolonged or repeated exposure if swallowed. H412 Harmful to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life.