

SAFETY DATA SHEET

DX SOL

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

Product label name
DX SOL

Supplier

DURALEX PEINTURES
100, rue de la Déviation,
93000 Bobigny
France

Tel : +331 48 91 95 49 Fax : +331 48 43 99 60
Telephone in case of urgency : +331 45 42 59 59

2. HAZARDS IDENTIFICATION

Principal dangers: This product is classed flammable.
May create an allergy reaction.

3. COMPOSITION: INFORMATION ON INGREDIENTS

Information on hazardous ingredients: Included in the product, sufficiently concentrated to impose toxicological characteristics that would be present in a 100% pure state: None

Other dangerous ingredients: None

Ingredients included that are less than the minimum level of danger:

- INDEX 601-022-00-9 CAS 1330-20-7 CE 215-535-7 XYLENES Concentration >0.00% and <2.50%, Symbol: Xn R:10-38-20/21

Other ingredients having Limited Exposition Values for professionals : None.

Other Ingredients:

- INDEX 649-327-00-6 CAS 6427-48-9 CE 266-150-3 Heavy Naphta (petroleum, hydro-treated. Concentration >0.00% and < 2.50% Symbol: Xn R:65

CAS 64742-48-9 CE 285-150-3 Heavy Naphta hydro-treated. Concentration >= 0.00% and < 2.50% Symbol: Xn R: 65-68-10

May lead to an allergy reaction:

- INDEX 6116-014-00-0 CAS 96-29-7 CE 202-495-6 2-Butanon Oxime
Concentration $\geq 0.00\%$ and $> 2.50\%$. Symbol : Xn R : 40.C3.41.43.21

CAS 66409-81-4 CE 270-086-6 Ramified fatty acids in C6-197 Cobalt Salts
(2+) Concentration $>0.00\%$ and $<2.50\%$ Symbol Xn R : 43-22

4. FIRST AID MEASURES

General: In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: Remove to fresh air. Do not breathe through the mouth. Keep warm and at rest.

Skin: Remove contaminated clothes and shoes. Immediately wash skin with soap and plenty of water. Do not use dilutions or solvents. In case of accidental contact with skin, avoid simultaneous exposure to the sun or other sources of UV.

Eye: Take off contact lenses. Immediately flush the eyes with plenty of clean water, for 15 minutes. Hold the eyelids apart during the flushing to ensure rinsing the entire surface of the eye and lids with water. Get medical attention if irritation, red marks, pain or vision impairment persists.

Ingestion: If the quantity is more than a mouthful, rinse the mouth with water and call a physician. The physician will decide whether or not hospitalisation is required. Show label of product if necessary.

5. FIRE-FIGHTING MEASURES

Extinguishing media: foam resistant to alcohol, CO₂, powder.

Unsuitable extinguishing media: water.

Special Methods: Cool down unopened containers that are exposed to fire, with cold water. Disperse any vapors. Do not breathe in any smoke. Stop fire extinguishing products from entering sewers, or running water.

Protective Equipment: Respiratory equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Eliminate possible causes of ignition. Ventilate closed areas.

Avoid breathing vapors and/or particles.

Eliminate sources of fire and sparks.

Environmental precautions: Do not allow to enter drains or water courses. If the product should contaminate water levels, rivers, or sewers, alert the competent authorities according to local law.

Methods for cleaning up: Stoop leakage with non-combustible absorbent materials, i.e. sand, earth, vermiculite, other absorbent matters. Place the residue in drums so that they may be deposited according to local law. Flush surroundings with large amounts of water and detergents or soap. Avoid using solvents.

7. HANDLING AND STORAGE

The following is applicable to indoor areas where the product is manipulated.

Handling:

- Precautions: The vapors are heavier than air. They can run along the ground and form an explosive mix with air.

Prevent the formation of inflammable concentrations or explosives in the air and avoid concentrations of vapors that are higher than the limits indicated in professional usage.

Manipulation must be in well-ventilated areas.

- Fire and explosion prevention: The product is to be used indoors only in rooms where there are no flames, and no possibility of igniting flames.

Electrical equipment must be protected in an appropriate way.

The preparation may be charged electrostatically. Always work on the ground during this phase. Wear protective shoes and clothing.

Keep out unauthorized persons.

Respect labor laws. No smoking, eating or drinking in the areas where the product is being used.

- Usage advice: Keep packaging closed and far from heat sources, sparks, and flames. Do not use tools that may cause flames.

Do not open cans by using pressure. Always preserve the preparation in packaging identical to the originals.

Storage:

- Precautions: Store in accordance with instructions indicated on the label. Keep the packages well-closed in a cool place.

- Storage conditions: Store in a dry well-ventilated room, removed from all ignition sources, heat, and direct sunlight.

Opened packaging must be carefully re-closed and kept standing-up.

The floor will be impermeable, and have a retention drain in case accidental spilling occurs. This prevents the product from leaking to different areas.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: Ensure good ventilation and local exhaustion of the working area. If this is not sufficient to keep concentrations of particles and vapors within the value limits, respiratory equipment must be brought in

Parameter controls:

Exposure limits: in compliance with 2000/39/EC and 98/24/EC:

VME-ppm: 50 VME-mg/m³: 221 VLE-ppm: 100 VLE-mg/m³: 442

Notes: Skin

Personal protection:

Respiratory: Provide adequate ventilation. In cases of insufficient ventilation wear suitable respiratory equipment.

Hand: Protective creams may be used, but not applied after contact with the product.

Because of the solvents, protective gloves recommended are made of neoprene rubber or nitril rubber..

Eyes: Wear eye/face protection designed to protect from spraying.

Skin and Body: After contact with the product, all parts of the body that have been in contact with the product are to be washed.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information:

- Physical state: Viscous liquid

Important information concerning health, security, and the environment:

- PH: N/A
- Temperature of auto-inflammation: 428 degrees F
- Flash point: 132 degrees F.
- Vapor Tension at 122 degrees F of volatile components: < 110kPa (1.10 bar).
- Density: > 1

- Solubility in water: insoluble
- Average temperature of distillation of known solvents: 310 degrees F

10. STABILITY AND REACTIVITY

Decomposition: If exposed to high temperatures, the preparation can release dangerous decomposition products, such as carbon monoxide and dioxide, and nitrogen oxide smoke.

11. TOXICOLOGICAL INFORMATION

General information: None are available.

- Exposure to solvent vapors contained in the product that exceed exposure limits indicated, may lead to unhealthy effects, such as:
 - Irritation of the mucous and breathing channels, kidneys, liver, and the central nervous system.
The symptoms may be fainting, vertigo, fatigue, muscular pains, and in extreme cases, losing consciousness.
 - Prolonged or repeated contact may cause loss of natural fat in the skin, and thus cause non-allergic dermatological effects due to absorption through the skin.
 - Eye: Splashes in the eyes may provoke irritations and reversible damage.

12. ECOLOGICAL INFORMATION

General information: None are available. Emptying the product in sewers, stagnant or running water must be avoided.

13. DISPOSAL CONSIDERATIONS

Remaining product not used: Do not empty into sewers, stagnant or running water.

Waste code number: Waste should be regarded as special waste for disposal. Please refer to your specific industry regulations.

Contaminated packaging: According to local regulations. Emptied container might retain product residues. Follow all warnings even after the container is emptied.

Disposal Code (EC Decision 2001/573/EC, Directive 75/442/EEC, Directive 91/689/EEC concerning disposal of dangerous products).

14. TRANSPORT INFORMATION:

General Information: Ship the product conforming to the ADR for road transport, or RID for rail, IMDG for ocean freight, and ICAO/IATA for air freight.

UN No.: 1263

Road transport:

- Specific shipping name: PAINT
 - Danger class: 3
 - Packaging class: III
 - Code: F1
 - Labels: 3
 - identification: 30
 - QL : LQ7
 - Disposition: 163-840
- Not subject to this regulation if Q<450

Ocean Freight (IMDG)

- Specific shipping name: PAINT
 - Class: 3
 - Packing class: III
 - FS No.: F-E, S-E
 - QL : 5 L
 - Disposition: 163 223 944 855
- Not subject to this regulation if Q<3 DI

Air Freight (ICAO/IATA)

- Specific shipping name: PAINT
- ICAAQ/IATA class: 3
- Passenger: 309 60L
- Cargo 310 220 L
- Packing class: III

15. REGULATORY INFORMATION

Labelling: Preparation of this product conforms to the directive 1999/45/EC, and its adaptations. Also conform to Directive 2001/59/EC, including the 28th adaptation to directive 87/548/EC Dangerous Substances

Symbol(s): Inflammable

Contains: 616-014-00-0 2-oxime Butanon. May cause an allergy reaction.
BJ0005 Fatty ramified acids EN C6-197 Cobalt Salts (2+) may cause an allergy reaction.

Specific Risks and Advice:

R 10 Inflammable
S 23 Do not breath vapors

S 24 Avoid contact with the skin

S 62 In case of swallowing, do not induce vomiting; immediately consult a physician and show the package or label.

16. OTHER INFORMATION

Advice or important remarks: As working conditions of the user are not known, the information given in this Security Document are based on the current state of our knowledge and on EC regulations, as well as national and community regulations.

The product must not be used for other uses than those specified without having obtained prior written usage instructions. Usage: Cold coating.

It is always the responsibility of the user to take all precautions necessary to respect the laws and local regulations.

The information given in this Security Document are to be considered as a description of Security Regulations, and not as a guaranty of the properties of our product.

Recommandations: Use of this product is reserved to professionals.

Version : 007 Revision Date 07/09/05

This version replaces all preceding editions.