

Safety Data Sheet (91/155/EEC)

ITW Dykem

Revision date: 11.10.2006 No.: 2,00

STEEL BLUE LAYOUT FLUID

00392-0025

1. Identification of the substance/preparation and company

1.1 Commercial product name

STEEL BLUE LAYOUT FLUID

Art.-No.:

80200, 80300, 80400, 80600, 80800, 80900

Use of the substance/preparation

Paint

1.2 Information manufacturer/supplier

2. Composition/information on ingredients

Chemical characterization : (preparation)

Preparation in organic solvents

Hazardous components

(Full text of each relevant R phrase can be found in heading 16)

EC No.	CAS No.	Components	Value	Symbols	R-phrases
200-661-7	67-63-0	propan-2-ol	< 5 %	F, Xi	R11-36-67
203-686-1	109-60-4	propyl acetate	< 5 %	F, Xi	R11-36-66-67
204-658-1	123-86-4	n-butyl acetate	20 - 30 %		R10-66-67
200-578-6	64-17-5	ethanol	30 - 50 %	F R11	
200-751-6	71-36-3	butan-1-ol	< 20 %	Xn, Xi	R10-22-37/38 41-67

3. Hazards identification

Symbols : Highly flammable, Irritant

R-phrases :

Highly flammable.

Risk of serious damage to eyes.

Repeated exposure may cause skin dryness or cracking.

Vapours may cause drowsiness and dizziness.

4. First aid measures

General information

Remove contaminated soaked clothing immediately.

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After contact with skin

Wash off immediately with soap and plenty of water.
Consult a doctor if skin irritation persists.

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Seek medical treatment by eye specialist.

After ingestion

Do not induce vomiting.
Summon a doctor immediately..
Never give anything by mouth to an unconscious person.
If a person vomits when lying on his back, turn over on his side.

5. Fire-fighting measures

Suitable extinguishing media

Alcohol-resistant foam, dry chemical, carbon dioxide (CO₂), water-spray

Extinguishing media that must not be used for safety reasons

Full water jet

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Fire may produce:
Carbon monoxide and carbon dioxide.

Special protective equipment for firefighters

Wear self-contained breathing apparatus and protective suit.

Additional information

Vapours are heavier than air and spread along ground.
The vapour/air mixture is explosive, even in empty, uncleaned receptacles.
Cool containers at risk with water spray jet.
Collect contaminated firefighting water separately, must not be discharged into the drains.

6. Accidental release measures

Personal precautions

In case of vapour formation use respirator.
Use only explosion-proof equipment.
Ensure adequate ventilation.
Remove persons to safety.
Use personal protective clothing.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up/taking up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).
Shovel into suitable container for disposal.

Additional information

Clean contaminated surface thoroughly.

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7. Handling and storage

7.1 Handling

Advice on safe handling

Keep container tightly closed.

Vapours are heavier than air and spread along ground.

Avoid contact with the skin and the eyes.

Use only in thoroughly ventilated areas.

Advice on protection against fire and explosion

Keep away from heat and sources of ignition.

Do not smoke.

Take precautionary measures against static discharges.

7.2 Storage

Requirements for storage rooms and vessels

Keep container tightly closed in a dry, cool and well-ventilated place.

Pay attention to anti-explosion rules.

Advice on storage compatibility

Incompatible with:

strong oxidizing agents, reducing agents, acids and bases

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

Storageclass (VCI): 3 A

8. Exposure controls/personal protection

8.1 Exposure limit values

Exposure limits (EH40)

Components CAS No.	Exposure limit ml/m ³	mg/m ³	F/ml	Category	Origin
Propan-2-ol 67-63-0	400 500	999 1250		TWA (8 h) STEL (15 min)	OES OES
n-Propyl acetate 109-60-4	200 250	849 1060		TWA (8 h) STEL (15 min)	OES OES
Butyl acetate 123-86-4	150 200	724 966		TWA (8 h) STEL (15 min)	OES OES
Ethanol 64-17-5	1000 -	1920 -		TWA (8 h) STEL (15 min)	OES OES
Butan-1-ol 71-36-3	- 50	- 154		TWA (8 h) STEL (15 min)	OES OES

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Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

14. Transport information

14.1 Land transport (ADR/RID)

ADR/RID:	3
Hazard-no.:	33
UN number:	1263

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14.5 Further Information

15. Regulatory information

15.1 Labelling

Indication of danger

F - Highly flammable; Xi - Irritant

Labelling according to EC-guidelines

According to EC-regulations the product is to be labelled as follows:

R phrases

11-41-66-67

Highly flammable.

Risk of serious damage to eyes.

Repeated exposure may cause skin dryness or cracking.

Vapours may cause drowsiness and dizziness.

S phrases

09-16-23-26-35-39

Keep container in a well-ventilated place.

Keep away from sources of ignition - No smoking.

Do not breathe vapour .

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

This material and its container must be disposed of in a safe way.

Wear eye/face protection.

15.2 National regulations

Water contaminating class: 1 - slightly water contaminating
1999/13/EC (VOC): < 95 %

16. Other information

List of relevant R phrases

10	Flammable.
11	Highly flammable.
22	Harmful if swallowed.
36	Irritating to eyes.
41	Risk of serious damage to eyes.
66	Repeated exposure may cause skin dryness or cracking.
67	Vapours may cause drowsiness and dizziness.
37/38	Irritating to respiratory system and skin.

Other data

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"