

## Safety Data Sheet ELASTOCOLOR PRIMER

Safety Data Sheet dated 15/5/2015, version 1

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

1.1. Product identifier

Trade name: ELASTOCOLOR PRIMER

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

Recommended use:

Solvent-borne primer

Uses advised against:

==

1.3. Details of the supplier of the safety data sheet

Supplier:

MAPEI U.K. Ltd - Mapei House Steel Park Road

Halesowen - West Midlands B62 8HD

Competent person responsible for the safety data sheet:

sicurezza@mapei.it

1.4. Emergency telephone number

MAPEI U.K. Ltd - phone: +44(0)121 508 6970

fax: +44(0)121 5086 960

www.mapei.co.uk (office hours)

### SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

- ⚠ Warning, Flam. Liq. 3, Flammable liquid and vapour.
- ⚠ Warning, STOT SE 3, May cause respiratory irritation.
- ⚠ Warning, STOT SE 3, May cause drowsiness or dizziness.
- ⚠ Danger, Asp. Tox. 1, May be fatal if swallowed and enters airways.
- ⚠ Aquatic Chronic 2, Toxic to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Symbols:



Danger

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#### Hazard Statements:

- H226 Flammable liquid and vapour.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H304 May be fatal if swallowed and enters airways.
- H411 Toxic to aquatic life with long lasting effects.

#### Precautionary Statements:

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P273 Avoid release to the environment.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
- P312 Call a POISON CENTER/ doctor/if you feel unwell.
- P331 Do NOT induce vomiting.
- P370+P378 In case of fire: Use ... to extinguish.

#### Special Provisions:

None

#### Contents:

hydrocarbons C9 aromatics  
bis(isopropyl)naphthalene

#### Special provisions according to Annex XVII of REACH and subsequent amendments:

None

#### 2.3. Other hazards

vPvB Substances: None - PBT Substances: None

#### Other Hazards:

No other hazards

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

N.A.

### 3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

>= 50% - < 75% hydrocarbons C9 aromatics

REACH No.: 01-2119455851-35-xxxx, EC: 918-668-5

- ⚠ 2.6/3 Flam. Liq. 3 H226
- ⚠ 4.1/C2 Aquatic Chronic 2 H411
- ⚠ 3.10/1 Asp. Tox. 1 H304
- ⚠ 3.8/3 STOT SE 3 H335
- ⚠ 3.8/3 STOT SE 3 H336

>= 10% - < 20% 2-methoxy-1-methylethyl acetate

REACH No.: 01-2119475791-29-xxxx, Index number: 607-195-00-7, CAS: 108-65-6, EC: 203-603-9

- ⚠ 2.6/3 Flam. Liq. 3 H226

>= 10% - < 20% bis(isopropyl)naphthalene

CAS: 38640-62-9, EC: 254-052-6

- ⚠ 3.10/1 Asp. Tox. 1 H304
- ⚠ 4.1/C1 Aquatic Chronic 1 H410

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#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

In case of eyes contact:

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

Wash immediately with water for at least 10 minutes.

In case of Ingestion:

Do NOT induce vomiting.

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

A suspension of activated charcoal in water, or petrolium jelly may be administered.

In case of Inhalation:

In case of inhalation, consult a doctor immediately and show him packing or label.

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

The product is a liquid that can catch fire at temperatures in excess of 21 C if exposed to an ignition source.

If inhaled, the product causes irritation in the airways.

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

(see paragraph 4.1)

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

Suitable extinguishing media:

None in particular.

In case of fire, use CO<sub>2</sub>, chemical powders or foam.

Extinguishing media which must not be used for safety reasons:

None in particular.

##### 5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

The original ingredients or unidentified toxic and/or irritant compounds may be present in the combustion fumes.

##### 5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

#### SECTION 6: Accidental release measures

##### 6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

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Provide adequate ventilation.  
Use appropriate respiratory protection.  
See protective measures under point 7 and 8.

#### 6.2. Environmental precautions

Limit leakages with earth or sand.  
Eliminate all unguarded flames and possible sources of ignition. Do not smoke.  
Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.  
Retain contaminated washing water and dispose it.  
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

#### 6.3. Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sand  
Wash with plenty of water.

Retain contaminated washing water and dispose it.

#### 6.4. Reference to other sections

See also section 8 and 13

## SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.  
Use localized ventilation system.  
Don't use empty container before they have been cleaned.  
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.  
Contaminated clothing should be changed before entering eating areas.  
Do not eat or drink while working.  
Do not smoke while working.  
See also section 8 for recommended protective equipment.  
Fine dust may form explosive mixture with air. Keep away from open flames, heat and sparks.  
Do not remove shrink film in hazardous locations (because of risk of static charging/discharge)

#### 7.2. Conditions for safe storage, including any incompatibilities

Always keep the containers tightly closed.  
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.  
Keep away from food, drink and feed.  
Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

#### 7.3. Specific end use(s)

None in particular

## SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

hydrocarbons C9 aromatics

ACGIH - LTE mg/m<sup>3</sup>(8h): 100 mg/m<sup>3</sup>, 19 ppm

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

ACGIH - LTE mg/m<sup>3</sup>: 275 mg/m<sup>3</sup>, 50 ppm - STE mg/m<sup>3</sup>: 550 mg/m<sup>3</sup>, 100 ppm

SUVA - LTE mg/m<sup>3</sup>: 275 mg/m<sup>3</sup>, 50 ppm

NDS - LTE mg/m<sup>3</sup>: 260 mg/m<sup>3</sup>

NDSch - LTE mg/m<sup>3</sup>: 520 mg/m<sup>3</sup>

EU - LTE mg/m<sup>3</sup>(8h): 275 mg/m<sup>3</sup>, 50 ppm - STE mg/m<sup>3</sup>: 550 mg/m<sup>3</sup>, 100 ppm - Notes:

Indicative Occupational Exposure Limit Values [2,3] and Limit Values for Occupational Exposure [4] (for references see bibliography)

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#### DNEL Exposure Limit Values

##### hydrocarbons C9 aromatics

Consumer: 11 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Consumer: 32 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 150 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 11 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 25 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

##### 2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Worker Industry: 153.5 mg/kg - Consumer: 54.8 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 275 mg/m<sup>3</sup> - Consumer: 33 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

#### PNEC Exposure Limit Values

##### 2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Target: Fresh Water - Value: 0.635 mg/l

Target: Marine water - Value: 0.0635 mg/l

Target: Freshwater sediments - Value: 3.29 mg/kg

Target: Marine water sediments - Value: 0.329 mg/kg

#### 8.2. Exposure controls

##### Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

##### Protection for skin:

No special precaution must be adopted for normal use.

##### Protection for hands:

##### Respiratory protection:

Use adequate protective respiratory equipment.

In case of insufficient ventilation use mask with B type filters (EN 14387).

Personal Protective Equipment should comply with relevant CE standards (as EN 374 for gloves and EN 166 for goggles), correctly maintained and stored. Consult the supplier to check the suitability of equipment against specific chemicals and for user information.

##### Thermal Hazards:

None

##### Environmental exposure controls:

None

In case of insufficient ventilation use mask with AK2 filters (EN 141).

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance:	liquid
Colour:	colorless
Odour:	typical
Odour threshold:	N.A.
pH:	N.A.
Melting point / freezing point:	== °C
Initial boiling point and boiling range:	N.A.
Solid/gas flammability:	N.A.
Upper/lower flammability or explosive limits:	N.A.
Vapour density:	N.A.

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Flash point:	46 °C
Evaporation rate:	N.A.
Vapour pressure:	== kPa (23°C)
Relative density:	N.A.
Vapour density (air=1):	N.A.
Solubility in water:	N.A.
Solubility in oil:	N.A.
Viscosity:	N.A.
Auto-ignition temperature:	N.A.
Explosion limits(by volume):	N.A.
Decomposition temperature:	N.A.
Partition coefficient (n-octanol/water):	N.A.
Explosive properties:	N.A.
Oxidizing properties:	N.A.

#### 9.2. Other information

Miscibility:	N.A.
Fat Solubility:	N.A.
Conductivity:	N.A.
Substance Groups relevant properties	N.A.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Stable under normal conditions

#### 10.2. Chemical stability

Stable under normal conditions

#### 10.3. Possibility of hazardous reactions

It may catch fire on contact with oxidising mineral acids, and powerful oxidising agents.

#### 10.4. Conditions to avoid

Stable under normal conditions.

#### 10.5. Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

#### 10.6. Hazardous decomposition products

None.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Route(s) of entry:

Ingestion: Yes

Inhalation: Yes

Contact: Yes

Toxicological information related to the product:

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

Toxicological information on main components of the mixture:

Toxicological information of the mixture:

N.A.

Toxicological information of the main substances found in the mixture:

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat 35.7 mg/l

Test: LD50 - Route: Oral - Species: Rat 8500 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/l

Corrosive/Irritating Properties:

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Skin:  
The product can cause a temporary irritation by prolonged contact.

Eye:  
The product can cause a temporary irritation by contact.

Sensitizing Properties:  
No effects are known.

Carcinogenic Effects:  
No effects are known.

Mutagenic Effects:  
No effects are known.

Teratogenic Effects:  
No effects are known.

If not differently specified, the information required in Regulation 453/2010/EC listed below must be considered as N.A.:

- a) acute toxicity
- b) skin corrosion/irritation
- c) serious eye damage/irritation
- d) respiratory or skin sensitisation
- e) germ cell mutagenicity
- f) carcinogenicity
- g) reproductive toxicity
- h) STOT-single exposure
- i) STOT-repeated exposure
- j) aspiration hazard

#### SECTION 12: Ecological information

##### 12.1. Toxicity

Adopt good industrial practices, so that the product is not released into the environment.

Not available data on the mixture

Biodegradability: not readily biodegradable

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

hydrocarbons C9 aromatics

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish 9.2 mg/l - Duration h: 96

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 100-180 mg/l - Duration h: 96

##### 12.2. Persistence and degradability

N.A.

##### 12.3. Bioaccumulative potential

N.A.

##### 12.4. Mobility in soil

N.A.

##### 12.5. Results of PBT and vPvB assessment

List of substances dangerous for the environment and corresponding classification:

>= 50% - < 75% hydrocarbons C9 aromatics

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

>= 10% - < 20% bis(isopropyl)naphthalene

CAS: 38640-62-9

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

vPvB Substances: None - PBT Substances: None

##### 12.6. Other adverse effects

None

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Not available data on the mixture

#### SECTION 13: Disposal considerations

##### 13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force. Dispose of this material and its container to hazardous or special waste collection point.

Use appropriate container to avoid environmental contamination.

This material and its container must be disposed of as hazardous waste.

91/156/EEC, 91/689/EEC, 94/62/EC and subsequent amendments.

Disposal of not hardened product (EC waste code) : 08 01 11

The suggested European waste code is just based on the composition of the product.

According to the specific process or application field a different waste code may be necessary.

#### SECTION 14: Transport information

##### 14.1. UN number

UN Number: 1263

##### 14.2. UN proper shipping name

ADR-Shipping Name: UN 1263, PAINT RELATED MATERIAL

##### 14.3. Transport hazard class(es)

Rail/Road(RID/ADR): 3,III

ADR-Upper number: NA

Air (ICAO/IATA): 3,III

Sea (IMO/IMDG): 3,III

EMS no: D/E

##### 14.4. Packing group

##### 14.5. Environmental hazards

Marine pollutant: No

##### 14.6. Special precautions for user

EMS no: D/E

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

N.A.

No

#### SECTION 15: Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Dir. 2006/8/EC

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) n. 453/2010 (Annex I)

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3

Restriction 40

Restrictions related to the substances contained:

No restriction.



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REACH Regulation (1907/2006) – All. XVII: N.A.  
Legislative Decree no. 81 of the 9th of April 2008 Title XI "Dangerous substances - Chapter I - Protection against chemical agents"  
Directive 2000/39/CE and s.m.i. (Professional threshold limit)  
Legislative Decree no. 152 of the 3rd of April 2006 and subsequent modifications and additions. (Environmental regulations)  
Directive 105/2003/CE (Seveso III): N.A.  
ADR Agreement – IMDG Code – IATA Regulation  
VOC (2004/42/EC) : 750 g/l

15.2. Chemical safety assessment  
No

#### SECTION 16: Other information

Text of phrases referred to under heading 3:

- H226 Flammable liquid and vapour.
- H411 Toxic to aquatic life with long lasting effects.
- H304 May be fatal if swallowed and enters airways.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H410 Very toxic to aquatic life with long lasting effects.

This safety data sheet has been completely updated in compliance to Regulation 453/2010/EU.

NP: The substance is not classified "carcinogenic" because it contains less than 0,1% by weight of benzene.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

- NIOSH - Registry of toxic effects of chemical substances
- ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
- SAX'S - Dangerous properties of industrial materials
- Istituto Superiore di Sanità - Inventario Nazionale Sostanze Chimiche

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
- CAS: Chemical Abstracts Service (division of the American Chemical Society).
- CLP: Classification, Labeling, Packaging.
- DNEL: Derived No Effect Level.
- EINECS: European Inventory of Existing Commercial Chemical Substances.

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GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
OEL:	European threshold limit value
VLE:	Threshold Limiting Value.
WGK:	German Water Hazard Class.
TSCA:	United States Toxic Substances Control Act Inventory
DSL:	DSL - Canadian Domestic Substances List