

Information sheet of 26/1/2022, version 1

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

1.1. Product identifier

Mixture identification:
Trade name: CORALIGHT® 600
Trade code: 404700
Product type:
Polyurethane rigid foam.

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

Mold fabrication.

Reinforcements fabrication.

Core material.

1.3. Details of the supplier of the safety data sheet

Company:
DUNA-Corradini S.p.A.
Via Modena-Carpi, 388
41019 Soliera (MO)
Italy
Phone: +39 059 893911

Competent person responsible for the safety data sheet:

safety@dunagroup.com

1.4. Emergency telephone number

DUNA-Corradini S.p.A.
phone +39 059 893911
(8.00 - 18.00)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Adverse physicochemical, human health and environmental effects:

No other hazards

The full text for substance classification is reported in section 16.

2.2. Label elements

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Hazard pictograms:

None

Hazard statements:

None

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Precautionary statements:

None

Special Provisions:

None

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

None

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration $\geq 0.1\%$

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:

None.

The full text of the hazard statements can be found in section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

N.A.

In case of eyes contact:

N.A.

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

In case of ingestion:

Consult a physician in case of large amounts swallowed

In case of inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

If breathing is irregular or stopped, administer artificial respiration.

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

Information not available.

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

Treatment:

Symptomatic treatment.

Consult a physician in case of large amounts swallowed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Nebulized water.

Carbon dioxide (CO₂).

Dust.

Foam.

Extinguishing media which must not be used for safety reasons:

None in particular.

Direct water jet

5.2. Special hazards arising from the substance or mixture

This product is combustible and may constitute a fire hazard if improperly used or installed. When installed this product should be adequately protected. Certain operations, such as grinding and cutting, may generate dust which could cause a dust explosion. Provide adequate local ventilation and appropriate dust handling system. The whole dust collecting system must be protected from electrostatic energy accumulation, provide adequate firefighting facilities.

5.3. Advice for firefighters

In case of fire, isolate promptly the area of the accident removing all the people. Actions which could involve a risk or are undertaken without the suitable training must be avoided. Keep unprotected and unauthorized persons away from the danger area. Use positive pressure selfbreathing apparatus and fire-proof protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Recover the material if possible, otherwise dispose according to applicable regulations.

6.3. Methods and material for containment and cleaning up

Place the contaminated material in suitable containers, duly labeled for subsequent disposal in accordance with current legislation.

Collect the material and dispose in compliance with the applicable environmental regulations.

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Exercise the greatest care when handling the product and, if necessary, use handlers. Avoid jolting and friction.

7.2. Conditions for safe storage, including any incompatibilities

Protect from light effects.

Sunlight may change the original colour and cause surface deterioration.

Avoid direct exposure to the sun.

7.3. Specific end use(s)

Refer to subsection 1.2 of this Material Safety Data Sheet.

Exercise the greatest care when handling the product and, if necessary, use handlers. Avoid jolting and friction.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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ACGIH - TWA: 10 mg/m³ - Notes: Data referred to polyurethane dust - inhalable fraction

ACGIH - TWA: 3 mg/m³ - Notes: Data referred to polyurethane dust - respirable fraction

DNEL Exposure Limit Values

N.A.

PNEC Exposure Limit Values

N.A.

8.2. Exposure controls

Eye protection:

For fabrication operations safety glasses are recommended.

Protection for skin:

Nothing specific.

Protection for hands:

Not necessary. It is possible to wear suitable gloves for a mechanical protection.

Respiratory protection:

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Atmospheric levels should be maintained below the exposure guidelines. In dusty atmosphere use an approved dust respirator.

Thermal Hazards:

N.A.

Environmental exposure controls:

Refer to section 7 and section 13.

Appropriate engineering controls:

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Physical state:	N.A.	--	--
Colour:	N.A.	--	--
Odour:	None	--	--
Melting point/freezing point:	N.A.	--	--
Boiling point or initial boiling point and boiling range:	Not available	--	--
Flammability:	N.A.	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point:	No	--	--
Auto-ignition temperature:	Not pyrophoric	--	--
Decomposition temperature:	Not available	--	--
pH:	N.A.	--	--
Kinematic viscosity:	N.A.	--	--
Solubility in water:	Insoluble	--	--
Solubility in oil:	Insolubile	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	N.A.	--	--
Density and/or relative density:	600 g/cc	--	--
Relative vapour density:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes:
Explosive properties:	Not explosive	--	--
Oxidizing properties:	Not oxydant	--	--

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reaction if the instructions for storage and handling are respected.
Avoid exposure to flames.

10.2. Chemical stability

The product is stable if guidelines for manipulation and storage are observed.

10.3. Possibility of hazardous reactions

N.A.

10.4. Conditions to avoid

Nothing specific.

10.5. Incompatible materials

No materials are known that, in presence of polyurethane, may develop products of relevant danger in relationship to the ones of the material itself.

10.6. Hazardous decomposition products

None at normal conditions; toxic gases may be generated starting from 300°C.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological information of the product:

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a) acute toxicity

Not classified
Not classified

b) skin corrosion/irritation

Not classified
Considered to be physiologically inert. No adverse effect anticipated by this route of exposure incidental to proper industrial handling.

c) serious eye damage/irritation

Not classified
Solid or dust may cause irritation or corneal injuries due to mechanical action.

d) respiratory or skin sensitisation

Not classified
No data available for the product

e) germ cell mutagenicity

Not classified
No data available for the product

f) carcinogenicity

Not classified
No data available for the product

g) Reproductive toxicity/toxicity to fertility

Not classified
No data available for the product

h) STOT-single exposure

Not classified
No data available for the product

i) STOT-repeated exposure

Not classified

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- No data available for the product
- j) aspiration hazard
 - Not classified
 - No data available for the product
- Toxicological information of the main substances found in the product:
 - N.A.
- 11.2. Information on other hazards
 - Endocrine disrupting properties:
 - No endocrine disruptor substances present in concentration $\geq 0.1\%$

SECTION 12: Ecological information

- 12.1. Toxicity
 - Adopt good working practices, so that the product is not released into the environment.
- CORALIGHT® 600
 - Not classified for environmental hazards
 - Based on available data, the classification criteria are not met
- 12.2. Persistence and degradability
 - CORALIGHT® 600
 - Biodegradability: not biodegradable
- 12.3. Bioaccumulative potential
 - N.A.
- 12.4. Mobility in soil
 - N.A.
- 12.5. Results of PBT and vPvB assessment
 - vPvB Substances: None - PBT Substances: None
- 12.6. Endocrine disrupting properties
 - No endocrine disruptor substances present in concentration $\geq 0.1\%$
- 12.7. Other adverse effects
 - No data available for the product

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.
- Additional disposal information:
 - Polyurethane foam, as non hazardous material, can be disposed in municipal dumps/incinerators. It is recommended to collect information on current local laws on waste disposal.

SECTION 14: Transport information

- 14.1. UN number or ID number
 - Not classified as dangerous in the meaning of transport regulations.
- 14.2. UN proper shipping name
 - N.A.
- 14.3. Transport hazard class(es)
 - N.A.
- 14.4. Packing group
 - N.A.
- 14.5. Environmental hazards
 - ADR-Environmental Pollutant: No
 - IMDG-Marine pollutant: No
- 14.6. Special precautions for user
 - N.A.
- 14.7. Maritime transport in bulk according to IMO instruments

N.A.

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)
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. 2020/878
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)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2019/521 (ATP 12 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:

No restriction.

Restrictions related to the substances contained:

No restriction.

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)
Regulation (EC) nr 648/2004 (detergents).
Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1
None

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

SECTION 16: Other information

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

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,
Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van
Nostrand Reinold

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.

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