

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Commercial Product Name: Contact epossidica_resina
Quality No.: 1890300000000

Revision Date 27.09.2012

Print Date 27.09.2012

Version 1

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : epossidica_resina

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

Use of the : Industrial serial painting
Substance/Mixture

1.3 Details of the supplier of the safety data sheet

Company : Contact Italia srl

2. Hazards identification

2.1 Classification of the substance or mixture

Classification (67/548/EEC, 1999/45/EC)

Sensitising

Irritant

Dangerous for the environment

R43: May cause sensitization by skin contact.

R36/38: Irritating to eyes and skin.

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

2.2 Label elements

Labelling according to EC Directives (1999/45/EC)

Hazard pictograms

:



Irritant



Dangerous
for the
environme
nt

R-phrases)

: R36/38
R43
R51/53

Irritating to eyes and skin.

May cause sensitization by skin contact.

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

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Revision Date 27.09.2012

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Version 1

environment.

S-phrase(s) : S24 Avoid contact with skin.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37 Wear suitable gloves.
S57 Use appropriate container to avoid environmental contamination.
S60 This material and its container must be disposed of as hazardous waste.

Hazardous components which must be listed on the label:

25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight ≤ 700)
28064-14-4 Phenol, polymer with formaldehyde, glycidyl ether

Special labelling of certain mixtures : Contains epoxy constituents. See information supplied by the manufacturer.

2.3 Other hazards

3. Composition/information on ingredients

3.2 Mixtures

Chemical nature : Mixture of synthetic resins

Hazardous components

Chemical Name CAS-No. EC-No. Registration number Remarks	Classification (67/548/EEC)	Concentration [%]
reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight ≤ 700) 25068-38-6 01-2119456619-26	Xi; R36/38 R43 N; R51/53	$\geq 40 - \leq 100$
Phenol, polymer with formaldehyde, glycidyl ether 28064-14-4	Xi; R36/38 R43 N; R51/53	$\geq 25 - < 40$
WEL substance :		
di-"isononyl" phthalate 28553-12-0 249-079-5		$\geq 5 - < 12,5$

For the full text of the R-phrases mentioned in this Section, see Section 16.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Commercial Product Name: Contact epossidica_resina
Quality No.: 1890300000000

Revision Date 27.09.2012

Print Date 27.09.2012

Version 1

4. First aid measures

4.1 Description of first aid measures

- | | |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General advice | : In all cases of doubt, or when sickness symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person. |
| If inhaled | : Remove to fresh air, keep patient warm and at rest.
Irregular breathing/no breathing: artificial respiration.
If unconscious place in recovery position and seek medical advice. |
| In case of skin contact | : Take off all contaminated clothing immediately.
Wash skin thoroughly with soap and water or use recognised skin cleanser.
Do NOT use solvents or thinners ! |
| In case of eye contact | : Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice. |
| If swallowed | : Do NOT induce vomiting.
If accidentally swallowed obtain immediate medical attention.
Never give anything by mouth to an unconscious person.
Keep at rest. |

4.2 Most important symptoms and effects, both acute and delayed

- | | |
|----------|-----------------------------|
| Symptoms | : No information available. |
|----------|-----------------------------|

4.3 Indication of any immediate medical attention and special treatment needed

- | | |
|-----------|-----------------------------|
| Treatment | : No information available. |
|-----------|-----------------------------|

5. Firefighting measures

5.1 Extinguishing media

- | | |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media | : Not combustible under normal conditions.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

5.2 Special hazards arising from the substance or mixture

- | | |
|--------------------------------------|------------------------------------------------------------------------------------------------------|
| Specific hazards during firefighting | : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. |
|--------------------------------------|------------------------------------------------------------------------------------------------------|

5.3 Advice for firefighters

- | | |
|------------------------------|----------------------------------------------------|
| Special protective equipment | : Appropriate breathing apparatus may be required. |
|------------------------------|----------------------------------------------------|

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Commercial Product Name: Contact epossidica_resina
Quality No.: 1890300000000

Revision Date 27.09.2012

Print Date 27.09.2012

Version 1

for firefighters

Further information

: DO NOT ALLOW RUN-OFF FROM FIRE FIGHTING TO
ENTER DRAINS OR WATER COURSES!!

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Take the precautions customary when handling chemicals.
Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions

Environmental precautions : Do not let product enter drains.
If the product contaminates lakes, rivers or sewage, inform
appropriate authorities in accordance with local regulations.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Contain and collect spillage with non-combustible absorbent
materials, e.g. sand, earth, vermiculite, diatomaceous earth
and place in container for disposal according to local
regulations (see chapter 13).
Clean preferably with a detergent; avoid use of solvents.

6.4 Reference to other sections

For personal protection see section 8.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid contact with the skin and the eyes.
Smoking, eating and drinking should be prohibited in the
application area.

Advice on protection against fire and explosion : Preparation may charge electrostatically: always use earthing
leads when transferring from one container to another.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Containers which are opened must be carefully resealed and
kept upright to prevent leakage.
Keep container tightly closed. Never use pressure to empty:
container is not a pressure vessel. No smoking. Prevent
unauthorized access.

Further information on storage conditions : Always keep in containers of same material as the original
one. See also instructions on the label. Avoid heating and
direct sunlight.
Keep container dry in a cool, well-ventilated place.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Commercial Product Name: Contact epossidica_resina
Quality No.: 1890300000000

Revision Date 27.09.2012

Print Date 27.09.2012

Version 1

Advice on common storage : Keep away from oxidising agents and strongly acid or alkaline materials.

Storage temperature : 5 - 35 °C

7.3 Specific end use(s)

: This information is not available.

8. Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

CAS-No.	Source	Value	Ceiling Limit Value	Update
di-"isononyl" phthalate				
28553-12-0 249-079-5	Occupational Exposure Standards (OESs) / EH40	5 mg/m3		01.09.2003

8.2 Exposure controls

Engineering measures

Provide adequate ventilation. This should be achieved by the use of local exhaust ventilation and good general extraction.

Personal protective equipment

Respiratory protection : None, but avoid breathing vapours if possible.

Hand protection : Adhere to the professional organisation rule "Use of protective gloves". Appropriate chemicals resistant glove tested in compliance with EN 374.
Recommendation for protection against components generally found in the products:

For short-term contact (i.e. splash protection):

Appropriate material:

nitrile rubber, Neoprene

Material thickness: > 0,4 mm

Breakthrough time: > 480 min

Before use, the protective glove should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties).

Adhere to the manufacturer's instructions and information

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Commercial Product Name: Contact epossidica_resina
Quality No.: 1890300000000

Revision Date 27.09.2012

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Version 1

relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Preventive hand protection (skin protection cream) recommended. Wash immediately contaminated skin. Design operations thus to avoid permanent use of protective gloves.

- Eye protection : Wear safety goggles to protect against splashes.
- Skin and body protection : Clothing as usual in the chemical industry.
Skin should be washed after contact.
- Protective measures : Do not eat or drink during work - no smoking.
Avoid product contact with skin, eyes and clothing.
Avoid the inhalation of dust from sanding, particulates and spray mist arising from the application of this preparation.

Environmental exposure controls

- General advice : Do not let product enter drains.
If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance : liquid
- Colour : according product name
- Odour : characteristic
- Flash point : not applicable
- Density : ca. 1,1 g/cm³, 20 °C
- Water solubility : insoluble

9.2 Other information

- Flow time : > 150 s, 4 mm, DIN 53211

10. Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Commercial Product Name: Contact epossidica_resina
Quality No.: 1890300000000

Revision Date 27.09.2012

Print Date 27.09.2012

Version 1

Hazardous reactions : No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Conditions to avoid : Stable under recommended storage and handling conditions (See section 7).

10.5 Incompatible materials

Materials to avoid : Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.6 Hazardous decomposition products

Hazardous decomposition products : No hazardous decomposition products known.

11. Toxicological information

11.1 Information on toxicological effects

Further information : The liquid splashed in the eyes may cause irritation and reversible damage.

Further information : The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (1999/45/EC).

12. Ecological information

12.1 Toxicity

Product:

Ecotoxicology Assessment

Acute aquatic toxicity : There are no data available on the preparation itself.

Components:

reaction product: bisphenol-A(epichlorhydrin) and epoxy resin (number average molecular weight ≤ 700) :

Toxicity to fish : LC50: 1,3 mg/l, 96 h, Fish, OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50: 2,1 mg/l, 48 h, Daphnia, OECD Test Guideline 202

12.2 Persistence and degradability

Product:

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Commercial Product Name: Contact epossidica_resina
Quality No.: 1890300000000

Revision Date 27.09.2012

Print Date 27.09.2012

Version 1

Biodegradability : There are no data available on the preparation itself.

12.3 Bioaccumulative potential

Product:

Bioaccumulation : There are no data available on the preparation itself.

12.4 Mobility in soil

Product:

Mobility : There are no data available on the preparation itself.

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT)., This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

12.6 Other adverse effects

Product:

Additional ecological information : There are no data available on the preparation itself., The product should not be allowed to enter drains or water courses.

13. Disposal considerations

13.1 Waste treatment methods

Product : The listed waste code numbers, according to the European Waste Catalogue, are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

Contaminated packaging : 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 off in agreement with the regional waste disposal company.

Waste key for the unused product : 080111 waste paint and varnish containing organic solvents or other dangerous substances

14. Transport information

ADR

UN Number : 3082
Description of the goods : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

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Quality No.: 1890300000000

Revision Date 27.09.2012

Print Date 27.09.2012

Version 1

N.O.S.

(reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin
(number average molecular weight ≤ 700), REACTION
PRODUCT:BISPHENOLF-(EPICHLORHYDRIN), EPOXY
RESIN)

Class : 9
Packaging group : III
Classification Code : M6
Hazard identification No : 90
ADR/RID-Labels : 9
Tunnel restriction code : Tunnelcode D/E
Environmentally hazardous : yes

IMDG Substance No.

Description of the goods : UN 3082
: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S.
(reaction product: bisphenol-A-(epichlorhydrin) and epoxy
resin (number average molecular weight ≤ 700), REACTION
PRODUCT:BISPHENOLF-(EPICHLORHYDRIN), EPOXY
RESIN)

Class : 9
Packaging group : III
IMDG-Labels : 9
EmS Number : F-A, S-F
Marine Pollutant : yes

IATA

UN Number : 3082
Description of the goods : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S.
(reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin
(number average molecular weight ≤ 700), REACTION
PRODUCT:BISPHENOLF-(EPICHLORHYDRIN), EPOXY
RESIN)

Class : 9
Packaging group : III
ICAO-Labels : 9
Packing instruction (cargo
aircraft) : 964
Environmentally hazardous : yes
Packing instruction : 964
(passenger aircraft)
Packing instruction : Y964
(passenger aircraft)

Other information : If transported within the user's premises: To be transported
always in closed, upright and safe containers. Make sure that
persons handling these containers are aware of the rules of
conduct in case of incident or spillage.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Commercial Product Name: Contact epossidica_resina
Quality No.: 1890300000000

Revision Date 27.09.2012
Print Date 27.09.2012
Version 1

15. Regulatory information

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

Directive 99/13/EC : not applicable:

Other regulations : The information given in this material safety data sheet does not release the user from its duty of risk assessment and control in the work place defined in other health and safety law., Adhere to the national sanitary and occupational safety regulations when using this product.

15.2 Chemical Safety Assessment

16. Other information

Full text of R-phrases referred to under sections 2 and 3

R36/38	Irritating to eyes and skin.
R43	May cause sensitization by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information

Other information : This safety datasheet complies with the requirements of regulation (EC) No 1907/2006(453/2010).

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.