

Vorpa RESIN CAPSULE VF

resin capsule

RESIN CAPSULE VF

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product name: VORPA VF RESIN BONDED ANCHOR IN CAPSULE
Product code: 00900 – 00901 – 00902 – 00904 – 00906 – 00908 – 00940
Distributor Company: Vorpa srl – Via San Leo, 5 – 47838 RICCIONE (RN)
For Information/Emergency: Manufacturer +49/7181/977720 - Distributor +39 0541 607111

2. COMPOSITION / INFORMATION ON INGREDIENTS

Substance	EINECS	CAS	Range [%]	Symbol / R-phr.
Dibenzoyl peroxide	202-327-6	94-36-0	1-<20	Xi& E& 2-36-43
Styrene	202-851-5	100-42-5	1-<12,5	Xn 10-20-36/38

3. HAZARDS IDENTIFICATION

R10: Flammable.
R43: May cause sensitisation by skin contact.

4. FIRST AID MEASURES

General information: Change soaked clothing.
Inhalation: Ensure supply of fresh air. In the event of symptoms refer for medical treatment.
Skin contact: In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.
Eye contact: In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
Ingestion: Not applicable.
Advice to doctor

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water spray jet. Foam. Dry powder.
Extinguishing media that must not be used: Full water jet.
Special exposure hazards arising from the substance or preparation itself or combustion products: Risk of formation of toxic pyrolysis products . Carbon monoxide (CO). Nitrogen oxides (NOx).
Special protective equipment for firefighters: Use self-contained breathing apparatus.
Additional information: Cool containers at risk with water spray jet.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Keep away sources of ignition. Use personal protective clothing.
Environmental precautions: Not applicable.
Methods for cleaning up/taking up: Take up residues with absorbent material (e.g. sand). Take up mechanically. Dispose of absorbed material in accordance with the regulations.

7. HANDLING AND STORAGE

Advice on safe handling: No special measures necessary if used correctly. Handle with care - avoid shock, friction and impact.
Advice on protection against fire and explosion: Keep away from sources of ignition - refrain from smoking.
Requirements for storage rooms and vessels: No special measures required.
Advice on storage compatibility: Not applicable.
Further information on storage conditions: Keep in a cool place. Protect from heat/overheating. Protect from sun. Do not keep at temperatures above 25 °C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional advice on system design
Ingredients with occupational exposure limits to be monitored

Substance	Value:
Dibenzoyl peroxide	MAK: 5mg/m ³ E, 2000
Styrene	MAK: 20 ppm BAT, (Y) 2000

Respiratory protection: Not applicable.
Hand protection: Suitable protective gloves.
Eye protection: Safety glasses.

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Skin protection: Not applicable.

General protective measures: Avoid contact with eyes and skin.

Hygiene measures: At work do not eat, drink, smoke or take drugs. Wash hands before breaks and after work. Use barrier skin cream.

Limitation and controlling of the environment pollution

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Solid.
Colour:	Not applicable.
Odour:	Not applicable.
pH-value:	Not applicable.
Boiling point [°C]:	Not determinable.
Flash point [°C]:	31 (resin)
Flammability:	Not determinable.
Lower explosion limit:	Not applicable.
Upper explosion limit:	Not applicable.
Combustible properties:	No
Vapour pressure [kPa]:	Not determinable.
Density [g/ml]:	1,15
Solubility in water:	Immiscible
Partition coefficient: n-octanol /water:	Not determinable.
Viscosity:	2200 mpas (23°C)
Relative vapour density determined in air:	Not determinable.
Speed of evaporation:	Not determinable.
Melting point [°C]:	Not determinable.
Autoignition temperature:	

10. STABILITY AND REACTIVITY

Hazardous reactions:	Polymerisation with evolution of heat. Decomposition with water, acids and alkalis.
Hazardous decomposition products:	No hazardous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	OECD 401	LD50 Rat : -
Acute dermal toxicity	OECD 402	LD50 Rabbit : -
Acute inhalational toxicity	OECD 403	LC50 Rat : -
Irritant effect on eye	OECD 405	Not determinated.
Irritant effect on skin	OECD 404	Not determinated.
Sensitization / Validation	OECD 406	Not determinated.
Subacute toxicity		Not determinated.
Chronic toxicity		Not determinated.
Mutagenicity / validation		Not determinated.
Reproduction toxicity / Validation		Not determinated.
Carcinogenicity / Validation		Not determinated.
Experiences made in practice		None.
General remarks		No toxicological data are available. The product was classified on the basis of the calculation procedure of the preparation directive.

12. ECOLOGICAL INFORMATION

Fish toxicity:	Not determinated.
Behaviour in environment compartments:	Not determinated.
Behaviour in sewage plant:	Not applicable.
Bacteria toxicity:	Not determinated.
Biodegradable:	Not applicable.
Chemical oxygen demand (COD)	-
Biochemical oxygen demand (BOD5)	-
AOX-advice:	No dangerous components.
Contains compounds of 76/464/EC:	Yes

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General information: Ecological data are not available.

13. DISPOSAL CONSIDERATIONS

Disposal / Product: Dispose of as hazardous waste
 Waste no.: 0804011*
 Disposal / Contaminated packaging: Uncontaminated packaging may be taken for recycling. Packaging that cannot be cleaned should be disposed of as for product.

14. TRANSPORT INFORMATION

14.1 Classification according to ADR:

ADR: not classified as D
 Dangerous Goods Declaration:
 Labelling
 Factor, ADR 1.1.3.6.3:
 Hazard-no: -
 Label:
 Vapour pressure [kPa]:
 ADR-Conditions for limited quantities(LQ): -
 Dangerous Goods Declaration: not classified as Dangerous Goods
 Labelling
 Label:
 Inner packing, max.:
 Total gross mass of a package:

14.2 Classification according to IMDG:

IMDG-Code: not classified as Dangerous Goods
 Dangerous Goods Declaration:
 Labelling
 Label:
 IMDG-Conditions for limited quantities(LQ):
 Dangerous Goods Declaration: not classified as Dangerous Goods
 Labelling
 Label:
 Inner packing, max.:
 Total gross mass of a package:

14.3 Classification according to IATA:

IATA-DGR: Class: 3 , Packing Group: III
 Dangerous Goods Declaration: Polyester resin kit, Class: 3 , UN 3269, III, flashpoint: 31°C
 Labelling: Polyester resin kit UN 3269
 Label:



15. REGULATORY INFORMATION

Labelling: The product is classified and labelled in accordance with EC directives

Hazard symbols

Irritant -
 Contains: Dibenzoyl peroxide
 R10: Flammable.
 R43: May cause sensitisation by skin contact.
 S3/7: Keep container tightly closed in a cool place.
 S36/37: Wear suitable protective clothing and gloves.
 S60: This material and its container must be disposed of as hazardous waste.



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Special labelling for certain preparations:

Not applicable.

National regulations:

No Dangerous Good in accordance to ADR 2.2.3.1.5..

16. OTHER DETAILS

R phrases (Substance)

R10: Flammable.

R2: Risk of explosion by shock, friction, fire or other sources of ignition.

R20: Harmful by inhalation.

R36/38: Irritating to eyes and skin.

R36: Irritating to eyes.

R43: May cause sensitisation by skin contact.

Regulatory information

* 91/155 (2001/58)

* 67/548 (2001/59)

* 1999/45 (2001/60)

* 91/689 (2001/118)

* 89/542

* ADR (23.07.01)

* IMDG-Code (30.Amdt.)

* IATA-DGR (2002)

* Classification according to VbF

* Water hazard class