

SPINNAKER POLYURETHANE

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

· 1.1 Product identifier

Trade name: SPINNAKER POLYURETHANE

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

No further relevant information available.

· 1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier:

CECCHI GUSTAVO & C. SRL.

Via M.Coppino, 253 55049 VIAREGGIO (LU) ITALY

TEL. +39 0584 383694 FAX +39 0584 395182

· 1.4 Emergency telephone number:

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Flam. Liq. 3 - H226

Health hazards Repr. 1A - H360D

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) R10,R66.

2.2. Label elements

Pictogram



Signal word Danger

Hazard statements H226 Flammable liquid and vapour.

H360D May damage the unborn child.

EUH208 Contains ETHYL METHYL KETOXIME, Cobalt Bis(2-ethylhexanoate). May produce an allergic reaction.

Precautionary statements P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/ shower.

P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.

P501 Dispose of contents/ container in accordance with national regulations.

Supplemental label information

RCH005a This product is not to be used under conditions of poor ventilation.

Contains 2-cyano-3,3-diphenylacrylic acid, 2-ethylhexylester

Supplementary precautionary

statements

P201 Obtain special instructions before use.

P233 Keep container tightly closed.

P240 Ground/ bond container and receiving equipment.

P241 Use explosion-proof electrical equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P308+P313 IF exposed or concerned: Get medical advice/ attention.

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

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2.3. Other hazards
None Identified

SECTION 3: Composition/information on ingredients

3.2. Mixtures

White Spirit, D40 (Benzene <0.1%, Aromatics <2%) 40-60%

CAS number: —

Classification

Flam. Liq. 3 - H226

Asp. Tox. 1 - H304

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

Xn;R65. R10,R66.

Naptha (Petroleum) (Benzene <0.1%, Aromatics <0.5%) 1-<3%

CAS number: 64742-48-9 EC number: 265-150-3

Classification

Asp. Tox. 1 - H304

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

Carc. Cat. 2;R45 Muta. Cat. 2;R46 Xn;R65

2-cyano-3,3-diphenylacrylic acid, 2-ethylhexylester < 1%

CAS number: 6197-30-4 EC number: 228-250-8 REACH registration number: 01-2119457637-27-xxxx

Classification

Repr. 1A - H360D

Aquatic Chronic 4 - H413

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

Repr. Cat. 1;R61. R53.

ETHYL METHYL KETOXIME <0.3%

CAS number: 96-29-7 EC number: 202-496-6 REACH registration number: 01-2119539477-28-xxxx

Classification

Acute Tox. 4 - H312

Eye Dam. 1 - H318

Skin Sens. 1 - H317

Carc. 2 - H351

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

Carc. Cat. 3;R40 Xn;R21 R43 Xi;R41

Cobalt Bis(2-ethylhexanoate) <0.2%

CAS number: 136-52-7 EC number: 205-250-6 REACH registration number: 01-2119524678-29-xxxx

M factor (Acute) = 1 M factor (Chronic) = 1

Classification

Eye Irrit. 2 - H319

Skin Sens. 1 - H317

Repr. 2 - H361f

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

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

Repr. Cat. 3;R62. Xi;R36. N;R50/53. R43.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition comments The data shown are in accordance with the latest EC Directives.



SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion Rinse mouth thoroughly with water. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately.

Skin contact Immediately remove contaminated clothing. Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if any discomfort continues.

Eye contact Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

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

General information The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation In case of overexposure, organic solvents may depress the central nervous system causing dizziness and intoxication, and at very high concentrations unconsciousness and death.

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

Notes for the doctor No specific recommendations. If in doubt, get medical attention promptly.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with the following media: Foam, carbon dioxide or dry powder. Dry chemicals, sand, dolomite etc.

5.2. Special hazards arising from the substance or mixture

Specific hazards Irritating gases or vapours. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m³. Oxides of carbon. Oxides of nitrogen.

5.3. Advice for firefighters

Protective actions during firefighting

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Cool containers exposed to flames with water until well after the fire is out.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Keep combustible materials away from spillage. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers.

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from oxidising materials, heat and flames. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container. Avoid contact with oxidising agents.

Storage class Flammable liquid storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

**SECTION 8: Exposure Controls/personal protection**

8.1. Control parameters

Ingredient comments WEL = Workplace Exposure Limits

DNEL Industry - Dermal; Long term systemic effects: 3600 mg/kg/day

Consumer - Dermal; Long term systemic effects: 2200 mg/kg/day

White Spirit, D40 (Benzene <0.1%, Aromatics <2%)

Ingredient comments WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective equipment

Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients. All handling should only take place in well-ventilated areas.

Eye/face protection Wear chemical splash goggles. frame goggles (Example EN166)

Hand protection Wear protective gloves made of the following material: Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended. Chemical resistant gloves (EN374). Suitable materials for short term contact or splashes (recommended: at least protection index 2, corresponding to >30 minutes permeation time as per EN374): Polychloroprene (CR; ≥ 1 mm) or natural rubber (NR; ≥ 1 mm) Suitable materials for longer direct contact (recommended; protection index 6, corresponding to >480 minutes permeation time EN374); Polychloroprene (CR; ≥ 1 mm) or Natural rubber (NR; ≥ 1 mm). Based on literature supplied by glove manufacturers or derived from analogy with similar substances. If signs of wear and tear are present, gloves must be replaced. Avoid skin contact at all times.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures Provide eyewash station. Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

Respiratory protection Wear a respirator fitted with the following cartridge: Organic vapour filter. Wear a respirator fitted with the following cartridge: Gas filter, type A2. Gas Filter, organic vapours, (boiling point >65°C, eg. EN14387 Type A)

Environmental exposure controls

Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Coloured liquid.

Colour Amber.

Odour Mild.

Initial boiling point and range 160-200°C @ 1013 hPa

Flash point 40°C CC (Closed cup).

Upper/lower flammability or explosive limits

Upper flammable/explosive limit: 7 g/m³

Relative density 0.92 g/ml @ 23°C

Solubility(ies) Immiscible with water.

9.2. Other information

Volatile organic compound This product contains a maximum VOC content of 420 g/litre.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

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10.2. Chemical stability

Stability No particular stability concerns.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions

No information required.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidising agents.

10.5. Incompatible materials

Materials to avoid Flammable/combustible materials. Strong oxidising agents. None if used for intended purpose.

10.6. Hazardous decomposition products

Hazardous decomposition products

Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No data recorded.

General information Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

Inhalation Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing. Harmful by inhalation.

Ingestion Gastrointestinal symptoms, including upset stomach.

Skin contact Irritating to skin. Product has a defatting effect on skin. May cause allergic contact eczema.

Eye contact Irritating to eyes. Symptoms following overexposure may include the following: Redness.

Pain.

SECTION 12: Ecological Information

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Toxicity Avoid releasing into the environment.

Acute toxicity - fish Not determined.

12.2. Persistence and degradability

Persistence and degradability This product is not expected to be readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility The product contains substances which are bound to particulate matter and are retained in soil.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB

assessment

No Data Available

12.6. Other adverse effects

Other adverse effects Not determined.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site

in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

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SECTION 14: Transport information

Road transport notes Not regulated.

Rail transport notes Not regulated.

14.1. UN number

UN No. (IMDG) 1263

UN No. (ICAO) 1263

14.2. UN proper shipping name

Proper shipping name (IMDG) PAINT

Proper shipping name (ICAO) PAINT

14.3. Transport hazard class(es)

IMDG class 3

ICAO class/division 3

Transport labels

14.4. Packing group

IMDG packing group III

ICAO packing group III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

14.6. Special precautions for user

EmS F-E, S-E

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to

Annex II of MARPOL 73/78

and the IBC Code

Not relevant.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision date 06/09/2016

Revision 9

Risk phrases in full R10 Flammable.

R21 Harmful in contact with skin.

R36 Irritating to eyes.

R40 Limited evidence of a carcinogenic effect.

R41 Risk of serious damage to eyes.

R43 May cause sensitisation by skin contact.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R53 May cause long-term adverse effects in the aquatic environment.

R61 May cause harm to the unborn child.

R62 Possible risk of impaired fertility.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

Hazard statements in full H226 Flammable liquid and vapour.

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H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H351 Suspected of causing cancer.

H360D May damage the unborn child.

H361f Suspected of damaging fertility.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

EUH208 Contains ETHYL METHYL KETOXIME, Cobalt Bis(2-ethylhexanoate). May produce an allergic reaction.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.