

Created: 1 Mar 2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

- Product Name: Centrecoat Strongcoat DPM - Hardener
- Product Part Number: C11/05/05/049H

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

- Use of the substance/mixture:

1.3 Details of the supplier of the safety data sheet

Company : Promain UK Limited

C1 Pierson Court
Knowl Piece, Hitchin
HertfordshireSG4 0TY
Telephone : 01462 421333

E-Mail : info@promain.co.uk

1.4 Emergency telephone numberMon-Thur (08:30-17:30) Fri : 01462 421333
(08:30-16:30)

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**

- CLP: Skin Sens. 1, Skin Corr. 1B, Repr. Cat. 1B, Aquatic Chronic 2, Eye Dam. 1

2.2 Label elements

- Signal Word: Danger
- Hazard statements
 - H360 - May damage fertility or the unborn child.
 - H314 - Causes severe skin burns and eye damage.
 - H318 - Causes serious eye damage.
 - H317 - May cause an allergic skin reaction.
 - H411 - Toxic to aquatic life with long lasting effects.

SECTION 2: Hazards identification (....)

- Precautionary statements
 - P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 - P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
 - P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 - P308+P313 - IF exposed or concerned: Get medical advice/attention.
 - P281 - Use personal protective equipment as required.
 - P273 - Avoid release to the environment.
 - P501 - Dispose of contents/container to local and national regulations
 - P264 - Wash contaminated skin thoroughly after handling.
 - P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
 - P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 - P363 - Wash contaminated clothing before reuse.
 - P391 - Collect spillage.
 - P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
 - P270 - Do not eat, drink or smoke when using this product.
 - P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 - P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
 - P405 - Store locked up.
 - P272 - Contaminated work clothing should not be allowed out of the workplace.

2.3 Other hazards

- Contains: Benzyl alcohol
3-aminomethyl-3,5,5-trimethylcyclohexylamine
[Fatty acids, C18-unsaturated, dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine] reaction products with glycidyl neodecanoate (mixture of isomers)
bisphenol A; 4,4'-isopropylidenediphenol

SECTION 3: Composition/information on ingredients**3.2 Mixtures**

- Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine
 - CAS Number: 68082-29-1
 - EC Number: 500-191-5
 - Concentration: 10 - 30%
 - Categories: Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1A, Aquatic Chronic 2
 - Symbols: GHS09, GHS07, GHS05
 - H Statements: H315, H317, H318, H411
- benzyl alcohol

SECTION 3: Composition/information on ingredients (....)

CAS Number: 100-51-6
EC Number: 202-859-9
Concentration: 10 - 30%
Categories: Acute Tox. 4, Eye Irrit. 2
Symbols: GHS07
H Statements: H332, H302, H319

- [Fatty acids, C18-unsaturated, dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine] reaction products with bisphenol A diglycidyl ether

CAS Number: 2414889-39-5
EC Number: 857-050-9
Concentration: 10 - 30%
Categories: Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Chronic 2
Symbols: GHS09, GHS05, GHS07
H Statements: H315, H317, H318, H411

- [Fatty acids, C18-unsaturated, dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine] reaction products with glycidyl neodecanoate (mixture of isomers)

CAS Number: 2415016-28-1
EC Number: 857-103-6
Concentration: 1 - 5%
Categories: Repr. Cat. 3, Eye Dam. 1, Skin Sens. 1
Symbols: GHS05, GHS07
H Statements: H314, H317, H318

- 2,4,6-tris(dimethylaminomethyl)phenol

CAS Number: 90-72-2
EC Number: 202-013-9
Concentration: 1 - 5%
Categories: Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2
Symbols: GHS07
H Statements: H302, H319, H315

- 3-aminomethyl-3,5,5-trimethylcyclohexylamine

CAS Number: 2855-13-2
EC Number: 220-666-8
Concentration: 1 - 5%
Categories: Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1, Aquatic Chronic 3
Symbols: GHS05, GHS07;C
H Statements: H312, H302, H314, H317, H412

- Salicylic acid

CAS Number: 69-72-7
EC Number: 200-712-3
Concentration: 1 - 5%
Categories: Acute Tox. 4, Eye Dam. 1

SECTION 3: Composition/information on ingredients (....)

Symbols: GHS05, GHS07

H Statements: H302, H318

- bisphenol A; 4,4'-isopropylidenediphenol

CAS Number: 80-05-7

EC Number: 201-245-8

Concentration: 1 - 5%

Categories: Eye Dam. 1, Skin Sens. 1, Repr. Cat. 1B, STOT SE 3

Symbols: GHS05, GHS08, GHS07

H Statements: H360f, H335, H318, H317

- m-phenylenebis(methylamine)

CAS Number: 1477-55-0

EC Number: 216-032-5

Concentration: 1 - 5%

Categories: Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1B, Aquatic Chronic 3

Symbols: GHS05, GHS07

H Statements: H302, H314, H317, H332, H412

- 3-aminopropyldimethylamine; N,N-dimethyl-1,3-diaminopropane

CAS Number: 109-55-7

EC Number: 203-680-9

Concentration: 1 - 5%

Categories: Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1

Symbols: GHS02, GHS05, GHS07

H Statements: H226, H302, H314, H317

- 3-aminopropyltriethoxysilane

CAS Number: 919-30-2

EC Number: 213-048-4

Concentration: 1 - 5%

Categories: Acute Tox. 4, Skin Corr. 1B

Symbols: GHS05, GHS07

H Statements: H302, H314

SECTION 4: First aid measures**4.1 Description of first aid measures**

- Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Get medical advice/attention if you feel unwell.

- Contact with skin

IF ON SKIN: Wash with plenty of soap and water.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or

SECTION 4: First aid measures (....)

shower].

If skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

- Contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Get immediate medical advice/attention.

- Ingestion

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Rinse mouth.

Get immediate medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

- Inhalation

Vapours may cause headache, fatigue, dizziness and nausea. Harmful if inhaled.

- Ingestion

May cause discomfort if swallowed.

- Contact with skin

Prolonged skin contact may cause redness and irritation. May cause serious chemical burns to the skin. May cause an allergic skin reaction.

- Contact with eyes

Irritation, burning, lachrymation, blurred vision after liquid splash. Causes serious eye damage.

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Use foam, carbon dioxide or dry agent for extinction
- Do not use water jets

5.2 Special hazards arising from the substance or mixture

- Nitrogen and carbon oxides may be formed

5.3 Advice for firefighters

- Wear self contained breathing apparatus and full protective clothing

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

SECTION 6: Accidental release measures (....)

- Ensure adequate ventilation
- Wear suitable protective clothing
- Wash thoroughly after dealing with spillage
- Avoid contact with skin and eyes
- Avoid inhalation of vapours and contact with skin and eyes.

6.2 Environmental precautions

- Avoid release to the environment.
- Do not allow to enter public sewers and watercourses
- Prevent further spillage if safe

6.3 Methods and material for containment and cleaning up

- Avoid release to the environment.
- Soak up with inert absorbent
- Place in appropriate container
- Wear suitable protective clothing, eye/face protection and gloves
- Collect as much as possible in clean container for reuse or disposal

6.4 Reference to other sections

- See Section 8, 13

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

- Contaminated work clothing should not be allowed out of the workplace.
- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Use personal protective equipment as required.
- Wash contaminated clothing before reuse.
- Ensure adequate ventilation
- Avoid contact with skin and eyes
- Do not breathe dust/fume/gas/mist/vapours/spray.
- Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

- Keep away from food, drink and animal feedingstuffs
- Store in original, tightly closed containers
- Store in original, correctly labelled and tightly closed containers
- Store in a dry environment away from direct sunlight.
- Store between + 5° C and +35°C protect from frost and direct sunlight.
- Protect from frost

7.3 Specific end use(s)

- No information available

SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

4,4'-ISOPROPYLIDENEDIPHENOL

Occupational Exposure Limit Value (8-hour reference period) 2 mg/m³

BENZYL ALCOHOL (CAS: 100-51-6)

DNEL

Workers - Dermal; : 9.5 mg/kg

Workers - Inhalation; : 90 mg/m³

3-AMINOMETHYL-3, 5, 5 - TRIMETHYLCYCLOHEXYLAMINE (CAS: 2855-13-2)

DNEL

Workers - Inhalation; : 20.1 mg/m³

4,4'-ISOPROPYLIDENEDIPHENOL (CAS: 80-05-7)

DNEL

Workers - Dermal; : 1.4 mg/kg

Workers - Inhalation; : 10 mg/m³

SALICYLIC ACID (CAS: 69-72-7)

DNEL

Workers - Dermal; : 2 mg/kg/day

8.2 Exposure controls

- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Use personal protective equipment as required.
- Ensure adequate ventilation
- Keep away from food, drink and animal feedingstuffs
- Provide eyewash station. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes wet or contaminated.
- Wash thoroughly after handling.
- Avoid contact with skin
- Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

- Appearance: Liquid
- Colour: Yellowish
- Odour: Amine
- Boiling Point/Range: Approx. 135°C @
- pH: No information available

SECTION 9: Physical and chemical properties (....)

- Specific Gravity: 1.02 @ 23°C
- Solubility in water: Immiscible with water
- Autoignition Temperature: 380°C
- Volatile Organic Compound Content 54 mixed with resins/l
- Flashpoint: >100°C

9.2 Other information

- No information available
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SECTION 10: Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

Considerable exothermic reaction can occur when mixed with epoxide resins

10.4 Conditions to avoid

- Avoid freezing.
- Avoid exposure to high temperature or direct sunlight.

10.5 Incompatible materials

- Incompatible with oxidizing substances

10.6 Hazardous decomposition products

- Decomposition products may include nitrogen and carbon oxides
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

- No information available
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SECTION 12: Ecological information

12.1 Toxicity

- No information available

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulative potential

- No information available
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SECTION 12: Ecological information (....)

12.4 Mobility in soil

- immiscible with water

12.5 Results of PBT and vPvB assessment

- No information available

12.6 Other adverse effects

- No information available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Small quantities may be treated with an equivalent quantity of product resin, allowed to cure and disposed of as low hazard waste. Larger quantities should be disposed of as hazardous waste via a licensed waste operator. Product containers must not be re-used without commercial cleaning.

SECTION 14: Transport information

UN No.: 2735

Proper Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S.

Hazard Class: 8

Packing Group: II

14.1 Air (ICAO/IATA)

- ICAO UN No.: 2735
- Proper Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S.
- ICAO Hazard Class: 8
- ICAO Packing Group: II

14.2 Road/Rail (ADR/RID)

- ADR UN No.: 2735
- Proper Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S.
- ADR Hazard Class: 8
- ADR Packing Group: II

14.3 Sea (IMDG)

- IMDG UN No.: 2735
- Proper Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S.
- IMDG Hazard Class: 8
- IMDG Pack Group.: II

14.4 Environmental hazards

SECTION 14: Transport information (....)

- Marine Pollutant

14.5 Special precautions for user

IMDG Code segregation group: 18. Alkalies
EmS: F-A, S-B
ADR transport category: 2
Emergency Action Code: 2X
Hazard Identification Number (ADR/RID): 80
Tunnel restriction code: (E)

14.6 Transport in bulk according to Annex II of Marpol and the IBC Code

- No information available
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SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- This Safety Data Sheet is provided in compliance with the EC Regulation 1907/2006-2015/830
- This Safety Data Sheet is provided in compliance with the EC Directive 82/501/EEC (the Seveso Directive)

All the ingredients used in this product are registered or preregistered by our suppliers, and/or excluded from the regulation, and/or exempted from the registration.

15.2 Chemical safety assessment

- A REACH chemical safety assessment has not been carried out
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SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H226: Flammable liquid and vapour. H302: Harmful if swallowed. H312: Harmful in contact with skin. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H332: Harmful if inhaled. H335: May cause respiratory irritation. H411: Toxic to aquatic life with long lasting effects. H412: Harmful to aquatic life with long lasting effects.

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.

--- end of safety datasheet ---
