Centrecoat MMA Flex Concrete Grade Catalyst

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

1.1. Product identifier

Product name	**Centrecoat MMA Flex Concrete Grade -** Catalyst
CAS No.	94-36-0
EC No.	202-327-6

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

Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC9a] Coatings and paints, thinners, paint removers; ----- [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites;

1.3. Details of the supplier of the safety data sheet

Company	**Promain UK Limited**
Address	Promain House C1 Pierson Court Knowl Piece, Hitchin Hertfordshire SG4 0TY
Web	www.promain.co.uk
Telephone	01462 421333
Fax	-
Email	info@promain.co.uk

1.4. Emergency telephone number

Emergency telephone number	01462 421333 8.30am - 5.30pm Mon - Thurs. 8.30am - 4.30pm Fri

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Self-react. CD: H242; Skin Sens. 1: H317; Eye Irrit. 2: H319; Repr. 2: H361f; Aquatic Acute 1: H400;

2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Self-react. CD: H242 - Heating may cause a fire. Skin Sens. 1: H317 - May cause an allergic skin reaction.

Centrecoat MMA Flex Concrete Grade - Catalyst

2.2. Label elements

	Eye Irrit. 2: H319 - Causes serious eye irritation. Repr. 2: H361f - Suspected of damaging fertility. Aquatic Acute 1: H400 - Very toxic to aquatic life.
Precautionary Statement: Prevention	P201 - Obtain special instructions before use. 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. P220 - Keep/Store away from clothing//combustible materials. P234 - Keep only in original container. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P302+P352 - IF ON SKIN: Wash with plenty of water/ . P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 - IF exposed or concerned: Get medical advice/attention. P321 - Specific treatment (see on this label). P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P370+P378 - In case of fire: Use to extinguish. P391 - Collect spillage.
Precautionary Statement: Storage	P403+P235 - Store in a well-ventilated place. Keep cool. P405 - Store locked up. P411 - Store at temperatures not exceeding °C/°F. P420 - Store away from other materials.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to

SECTION 3: Composition/information on ingredients

3.1. Substances

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Dibenzoyl Peroxide & Dicyclohexyl phthalate blend (Dibenzoyl peroxide)		94-36-0	202-327-6	01-2119511472-50		Self-react. CD: H242; Skin Sens. 1: H317; Eye Irrit. 2: H319; Repr. 2: H361f; Aquatic Acute 1: H400;

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Ingestion	Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Immediately call a poison center.

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

Inhalation	Irritating to respiratory system.
Eye contact	Irritating to eyes.
Skin contact	May cause sensitisation by skin contact.
Ingestion	Ingestion may cause nausea and vomiting.

Centrecoat MMA Flex Concrete Grade - Catalyst

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

Inhalation	Seek medical attention if irritation or symptoms persist.
Eye contact	Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	Seek medical attention.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions. Carbon dioxide (CO2). Dry chemical. Foam. Sand. Water spray. Do NOT use halones.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear self-contained breathing apparatus. If involved in a fire, this will support combustion. Dust explosion hazard. Caution: reignition may occur. Do not allow runoff water to enter sewers or drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Avoid contact with skin and eyes. Do not breathe dust.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Sweep up. Eliminate all sources of ignition. Dispose of this material and its container to hazardous or special waste collection point.

6.4. Reference to other sections

See section 13 for further information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Avoid formation of dust. Avoid release to the environment. Refer to special instructions/Safety data sheets. Avoid sparks, flames, heat and sources of ignition. Do not breathe dust. Eliminate all sources of ignition. Wear suitable gloves. Wear suitable respiratory equipment when necessary.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Avoid release to the environment. Refer to special instructions/Safety data sheets. Do NOT mix with any other product. Handle and open container with care. Keep away from food, drink and animal feedingstuffs. Keep away from heat. Keep away from incompatible materials. Keep away from sources of ignition - No smoking. Keep container dry. Keep container tightly closed. Keep locked up and out of the reach of children. Keep only in the original container. Protect from frost.

7.3. Specific end use(s)

See section 1.2 for further information.

SECTION 8: Exposure controls/personal protection

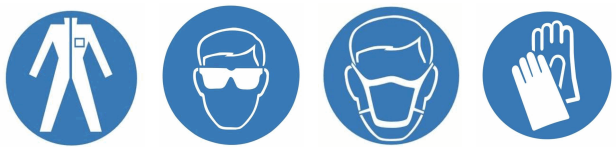
8.1. Control parameters

Centrecoat MMA Flex Concrete Grade - Catalyst

8.1.1. Exposure Limit Values

Resbuild MMA Flexcoat CG - Catalyst (Dibenzoyl peroxide)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 5
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
	WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust: -	WEL 15 min limit mg/m3 total respirable dust: -

8.2. Exposure controls



8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear protective clothing.
Eye / face protection	Wear suitable protective clothing and eye/face protection.
Skin protection - Handprotection	Wear suitable gloves.
Respiratory protection	Suitable respiratory equipment.
8.2.3. Environmental exposure controls	Do not allow product to enter drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Powder
Colour	White
Odour	Slight
Odour threshold	No data available
pH	No data available
Melting point	No data available
Freezing Point	No data available
Initial boiling point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	1.23 (H2O = 1 @ 20 °C)
Fat Solubility	No data available
Partition coefficient (n-octanol/water)	Not applicable.
Partition coefficient	Not applicable.
Autoignition temperature	Not applicable.
Viscosity	Not applicable.
Explosive properties	Not applicable.
Oxidising properties	Not applicable.
Solubility	Insoluble in water

9.2. Other information

Centrecoat MMA Flex Concrete Grade - Catalyst

9.2. Other information

SADT	55 °C
Conductivity	No data available
Surface tension	No data available
Bulk Density	No data available
Gas group	No data available
Benzene Content	0 %
Lead content	0 %
VOC (Volatile organic compounds)	0 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Decomposition will start at 55°C.

10.3. Possibility of hazardous reactions

Heavy Metals. Acids. Alkalis. Reducing agents.

10.4. Conditions to avoid

Avoid formation of dust. Avoid sparks, flames, heat and sources of ignition.

10.5. Incompatible materials

Rust, Iron, Copper.

10.6. Hazardous decomposition products

Benzoic Acid, Benzene.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause irritation to eyes.
Respiratory or skin sensitisation	May cause sensitisation by skin contact.
Germ cell mutagenicity	No Significant Hazard.
Carcinogenicity	No Significant Hazard.
Aspiration hazard	No Significant Hazard.
Repeated or prolonged exposure	Suspected of damaging fertility.

11.1.4. Toxicological Information

Dibenzoyl Peroxide & Dicyclohexyl phthalate blend	**Oral Rat LD50:** >5,000mg/kg

SECTION 12: Ecological information

12.1. Toxicity

Dibenzoyl Peroxide & Dicyclohexyl phthalate blend	**Daphnia EC50/48h:** 0.1100 mg/l	**Algae IC50/72h:** 0.0600 mg/l
	Fish LC50/96h: 0.0600 mg/l	

12.2. Persistence and degradability

No data is available on this product.

Centrecoat MMA Flex Concrete Grade - Catalyst

12.3. Bioaccumulative potential

BCF 66.6.

Partition coefficient

Resbuild MMA Flexcoat CG - Catalyst	Not applicable.

12.4. Mobility in soil

No data is available on this product.

12.5. Results of PBT and vPvB assessment

No data is available on this product.

12.6. Other adverse effects

Very toxic to aquatic organisms.

SECTION 13: Disposal considerations

General information

16 09 03 peroxides, for example hydrogen peroxide.

Dispose of in compliance with all local and national regulations. This material and its container must be disposed of as hazardous waste.

Disposal methods

Dispose of this material and its container to hazardous or special waste collection point. The generation of waste should be avoided or minimised wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Waste packaging should be recycled if possible. Incineration should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned. Empty containers or liners may still contain residue. Avoid dispersal of spilt material and runoff and contact sith soil, waterways, drains and sewers.

Disposal of packaging

Do NOT mix with any other product. Do not pierce or burn, even after use. Do NOT reuse empty containers. This material and its container must be disposed of as hazardous waste.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN3106

14.2. UN proper shipping name

ORGANIC PEROXIDE, TYPE D, SOLID (Dibenzoyl Peroxide)

14.3. Transport hazard class(es)

ADR/RID	5.2
Subsidiary risk	-

Centrecoat MMA Flex Concrete Grade - Catalyst

14.3. Transport hazard class(es)

IMDG	5.2
Subsidiary risk	-
IATA	5.2
Subsidiary risk	-

14.4. Packing group

Packing group	-

14.5. Environmental hazards

Environmental hazards	Yes
Marine pollutant	Yes

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

	For further advise contact manufacturer.

ADR/RID

Hazard ID	-
Tunnel Category	(D)

IMDG

EmS Code	F-J S-R

IATA

Packing Instruction (Cargo)	570
Maximum quantity	10 kg
Packing Instruction (Passenger)	570
Maximum quantity	5 kg

Further information

	The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

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

Regulations	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

15.2. Chemical safety assessment

	This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas:. 4 - Eye contact.

Centrecoat MMA Flex Concrete Grade - Catalyst

Other information	
Text of Hazard Statements in Section 3	Self-react. CD: H242 - Heating may cause a fire. Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Irrit. 2: H319 - Causes serious eye irritation. Repr. 2: H361f - Suspected of damaging fertility. Aquatic Acute 1: H400 - Very toxic to aquatic life.
Maximum content of VOC	0 g/l.

Further information	
	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.