



HMG Coatings (South) Ltd
 Faraday Park
 West Portway Ind Est
 Andover
 Hants
 SP10 3SA
Tel: 01264 356296
Fax: 01264 338123

PRODUCT NAME

Synergy® POLYESTER BASECOAT

Material Safety Datasheet

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

Product: Synergy® POLYESTER BASECOAT

Limitations of Use: For Industrial and Professional use only.

Product No: 40432

Company: HMG COATINGS SOUTH LTD

Faraday Park
 West Portway Ind Est
 Andover
 Hants
 SP10 3SA

Telephone: 01264 356296

Fax: 01264 338123

Web: www.hmgcoatings.com

Catalyst: Mix 10:1 v/v with 41432 Peroxide Catalyst

2. Hazards identification

Flammable. Harmful by inhalation. Irritating to eyes and skin.
 CLASSIFICATION (1999/45) Xn;R20. Xi;R36/38. R10.

3. Composition/information on ingredients

Name	EC No.	CAS-No.	Content	Classification (67/548)
ACETONE	200-662-2	67-64-1	1-5%	F;R11 Xi;R36 R66 R67
Cobalt salt	205-250-6	136-52-7	< 1%	Carc. Cat. 3;R40. R42/43.
ETHYL ACETATE	205-500-4	141-78-6	1-5%	F;R11 Xi;R36 R66 R67
STYRENE	202-851-5	100-42-5	30-60%	R10 Xn;R20 Xi;R36/38
TOLUENE	203-625-9	108-88-3	< 1%	F;R11 Repr. Cat. 3;R63 Xn;R48/20,R65 Xi;R38 R67
WHITE SPIRIT		64742-82-1	< 1%	Xn;R65. N;R51/53. R10,R66.

The full text for all R-Phrases are displayed in Section 16

4. First aid measures

GENERAL INFORMATION

NOTE! Keep affected person away from heat, sparks and flames!

INHALATION

Move the exposed person to fresh air at once. Provide rest, warmth and fresh air. Get medical attention.

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5. Firefighting measures

EXTINGUISHING MEDIA

Fire can be extinguished using: Carbon dioxide (CO₂). Dry chemicals, sand, dolomite etc.

SPECIFIC HAZARDS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).



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6. Accidental release measures

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer.

7. Handling and storage

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Static electricity and formation of sparks must be prevented.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

8. Exposure controls/personal protection

Name	Std	TWA – 8hrs		STEL – 15min		Notes
ACETONE	OES	500 ppm	1210 mg/m ³	1500 ppm	3620 mg/m ³	
ETHYL ACETATE	OES	200 ppm		400 ppm		
STYRENE	MEL	100 ppm	430 mg/m ³	250 ppm	1080 mg/m ³	
TOLUENE	OES	50 ppm(Sk)	191mg/m ³ (Sk)	150 ppm (Sk)	574mg/m ³ (Sk)	

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

HAND PROTECTION

Use protective gloves.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

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

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9. Physical and chemical properties

APPEARANCE: Liquid

10. Stability and reactivity

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid contact with acids and oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).



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11. Toxicological information

INHALATION

Harmful by inhalation. May cause irritation to the respiratory system.

INGESTION

Harmful if swallowed.

SKIN CONTACT

Harmful in contact with skin. Irritating to skin.

EYE CONTACT

Irritating to eyes.

TARGET ORGANS

Skin Eyes Respiratory system, lungs

12. Ecological information

ECOTOXICITY

Dangerous for the environment if discharged into watercourses.

13. Disposal considerations

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14. Transport information



UK ROAD CLASS 3

PROPER SHIPPING NAME PAINT OR PAINT RELATED MATERIAL

UN NO. ROAD 1263

ADR CLASS NO. 3

ADR PACK GROUP II

ADR LABEL NO. 3

CEFIC TEC(R) NO. 30GF1-I+II, 30GF1-sp

RID PACK GROUP II

IMDG CLASS 3

EMS 3-05

MARINE POLLUTANT No.

AIR CLASS 3

UK ROAD PACK GR. II

ADR CLASS Class 3: Flammable liquids.

HAZARD No. (ADR) 33

HAZCHEM CODE 3YE

RID CLASS NO. 3

UN NO. SEA 1263

IMDG PACK GR. II

MFAG See Guide

UN NO. AIR 1263

AIR PACK GR. II



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15. Regulatory information (Supply and Labelling)

LABELLING



Harmful

CONTAINS STYRENE

RISK PHRASES

R10 Flammable.

R20 Harmful by inhalation.

R36/38 Irritating to eyes and skin.

SAFETY PHRASES

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37 Wear suitable gloves.

S43 In case of fire, use alcohol-resistant foam, carbon dioxide or dry powder. Never use water.

S51 Use only in well-ventilated areas.

S60 This material and its container must be disposed of as hazardous waste.

P14 Contains Cobalt salt. May produce an allergic reaction.

STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Occupational Exposure Limits EH40.

16. Other information

RISK PHRASES IN FULL

R10 Flammable.

R11 Highly flammable.

R20 Harmful by inhalation.

R36 Irritating to eyes.

R36/38 Irritating to eyes and skin.

R38 Irritating to skin.

R40 Limited evidence of a carcinogenic effect.

R42/43 May cause sensitisation by inhalation and skin contact.

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

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

R63 Possible risk of harm to the unborn child.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

17. Revision Details

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

As the specific conditions of use of the product are outside the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.