

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



1.1. Product identifier

UNY MARINE HS M BASE

Product code: 537PU - Version 4.1 - Revision Date: 16-07-2024

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

Paint and/or related product.

1.3. Details of the supplier of the safety data sheet

Chugoku Paints B.V., Sluisweg 12, 4794 SW Heijningen, Po Box 73, 4793 ZH Fijnaart, The Netherlands, Tel.+31-167-526100, E-mail: msdsregistration@cmpeurope.eu

1.4. Emergency telephone number

National Poisons Information Service: England & Wales / NHS dial 111, Scotland NHS 24, <http://www.npis.org>

N.Ireland, Contact your local GP or pharmacist during normal hours, www.gpoutofhours.hscni.net for GP services Out-of-Hours.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP].

Flam. Liq. 3 H226	Flammable liquid and vapour.
Skin Sens. 1 H317	May cause an allergic skin reaction.
STOT SE 3 H336	May cause drowsiness or dizziness.
Aquatic Chronic 3 H412	Harmful to aquatic life with long lasting effects.

2.2. Label elements



GHS02



GHS07

Hazard pictogram(s):

Signal word: **Warning**

Labelling according to Regulation (EC) No 1272/2008 [CLP]:

Hazard statement(s):

H226	Flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

Supplemental hazard information (EU):

EUH066 Repeated exposure may cause skin dryness or cracking.

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Precautionary statement(s)

Prevention:

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

P261: Avoid breathing vapours/spray.

P280: Wear protective gloves, protective clothing, eye protection, face protection.

P233: Keep container tightly closed.

Response:

P370+P378: In case of fire: Use alcohol resistant foam to extinguish.

Storage & Disposal:

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

Contains (EC 1272/2008 18.3(b)):

N-Butyl Acetate.

Hydrocarbons, C9, aromatics

2-methoxy-1-methylethyl acetate.

Bis (1,2,2',6,6'-Pentamethyl-4-Piperidyl)Sebacate.

Extended details regarding health and environment, see Section 11 & 12.

2.3. Other hazards

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

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

Substances presenting a health or environmental hazard within the meaning of Regulation (EC) No. 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB or included in the Candidate List. (*) For full text of H-statements, see SECTION 16.

Substance name	Identification number	% [weight]	Hazard statement Code(s) (*) / Hazard Class and Category Codes	
N-Butyl Acetate.	EG-nr: 204-658-1 CAS-nr: 123-86-4 Index: 607-025-00-1 Reach#: 01-2119485493-29	10-15 %	H226 - Flam. Liq. 3 H336 - STOT SE 3 EUH066	
	 			
Hydrocarbons, C9, Aromatics	EG-nr: 918-668-5 CAS-nr: 128601-23-0 Index: - Reach#: 01-2119455851-35	4-6 %	H226 - Flam. Liq. 3 H335 - STOT SE 3 H336 - STOT SE 3 H304 - Asp. Tox. 1	H411 - Aquatic Chronic 2 EUH066 -
	  			
Reaction Mass Of Ethylbenzene And Xylene.	EG-nr: 905-588-0 CAS-nr: - Index: - Reach#: 01-2119488216-32	3-5 %	H226 - Flam. Liq. 3 H304 - Asp. Tox. 1 H312+H332 - Acute Tox. 4 H315 - Skin Irrit. 2	H319 - Eye Irrit. 2 H335 - STOT SE 3 H373 - STOT RE 2 H412 - Aquatic Chronic 3
	  			SCL / M-factor / ATE: H312-ATE 1100, H332-ATE 29mg/l(Vap)
2-Methoxy-1-Methylethyl Acetate.	EG-nr: 203-603-9 CAS-nr: 108-65-6 Index: 607-195-00-7 Reach#: 01-2119475791-29	1-2 %	H226 - Flam. Liq. 3 H336 - STOT SE 3	
	 			
Bis (1,2,2',6,6'-Pentamethyl-4-Piperidyl)Sebacate.	EG-nr: 915-687-0 CAS-nr: 1065336-91-5 Index: - Reach#: 01-2119491304-40	0,4-0,8 %	H317-(1A) - Skin Sens. 1A H361 - Repr. 2 H400 - Aquatic Acute 1 H410 - Aquatic Chronic 1	
	 			
Solvent Naphtha (Petroleum), Light Arom.	EG-nr: 265-199-0 CAS-nr: 64742-95-6 Index: - Reach#: 01-2119455851-35	0,1-0,3 %	H226 - Flam. Liq. 3 H304 - Asp. Tox. 1 H335 - STOT SE 3 H336 - STOT SE 3	H411 - Aquatic Chronic 2 -
	   			

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

Pay attention to your own safety! In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.

following inhalation:

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

following skin contact:

Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

following eye contact:

Remove contact lenses, if present and easy to do. Irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

following ingestion:

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed**Potential acute symptoms and effects****following inhalation:**

Exposure to vapours may cause a health hazard. Serious effects may be delayed following exposure.

May cause drowsiness or dizziness.

following skin contact:

No known significant effects or critical hazards.

following eye contact:

No known significant effects or critical hazards.

following ingestion:

No known significant effects or critical hazards.

Potential delayed symptoms and effects**following inhalation:**

No specific data.

following skin contact:

May cause an allergic skin reaction.

following eye contact:

Adverse symptoms may include the following: irritation, watering, redness

following ingestion:

No specific data.

4.3. Indication of any immediate medical attention and special treatment needed**Notes to physician**

In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Specific treatments

No specific treatment.

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Recommended: alcohol resistant foam, CO2, powders.

Extinguishing media which must not be used for safety reasons:

Water jet. Zincdust containing products should not be extinguished with water.

**5.2. Special hazards arising from the substance or mixture**

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. See Section 10.

5.3. Advice for firefighters

There is no one clothing material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. Fire fighter's clothing conforming to European standard EN469 provides a basic level of protection for chemical incidents. Appropriate breathing apparatus may be required (Self-Contained Breathing Apparatus (SCBA)). Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel: Comply with company's emergency procedures. Exclude sources of ignition and ventilate the area. Use safety goggles or safety glasses, as well as any other appropriate personal protective equipment, at all times. Avoid breathing vapours. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Refer to protective measures listed in Sections 7 and 8.

For emergency responders: See Section 8 for information on appropriate personal protective equipment. See also the information: "For non-emergency personnel".

6.2. Environmental precautions

Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Place in a suitable container. Clean preferably with a detergent - avoid use of solvents.

6.4. Reference to other sections

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

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

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. No sparking tools should be used. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Avoid skin and eye contact. Avoid the inhalation of particulates and spray mist arising from the application of this mixture. Avoid inhalation of dust from sanding. Smoking, eating and drinking should be prohibited in application area. For personal protection see Section 8. Never use pressure to empty: container is not a pressure vessel. Always keep in containers of same material as the original one. Comply with the health and safety at work laws. Do not allow to enter drains or water courses. Isolate from sources of heat, sparks and open flame.

When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits.

Information regarding fire and explosion hazard

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations.

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Notes on joint storage

Store away from oxidising agents, from strongly alkaline and strongly acid materials.

Additional information on storage conditions

Observe label precautions. Store between 0°C and 40°C in a dry, well ventilated place away from sources of heat and direct sunlight. Keep container tightly closed. Keep away from sources of ignition. No smoking. Prevent unauthorised access.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3. Specific end use(s)

Application: Airless spray, Brush, Roller (See also Technical Data Sheet.)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Limits for occupational exposure and / or biological limit values		
	LIMIT VALUES TWA8h - STEL15 ppm-mg/m ³	LIMIT VALUES TWA8h - STEL15 ppm-mg/m ³
N-Butyl Acetate.	TWA8h 150 ppm / 724 mg/m ³	TWA8h 50 ppm / 241 mg/m ³
	STEL 200 ppm / 966 mg/m ³	STEL15 150 ppm / 723 mg/m ³
	Annotations -	Notation -
Hydrocarbons, C9, Aromatics	TWA8h - ppm / - mg/m ³	TWA8h - ppm / - mg/m ³
	STEL - ppm / - mg/m ³	STEL15 - ppm / - mg/m ³
	Annotations -	Notation -
Reaction Mass Of Ethylbenzene And Xylene.	TWA8h - ppm / - mg/m ³	TWA8h - ppm / - mg/m ³
	STEL - ppm / - mg/m ³	STEL15 - ppm / - mg/m ³
	Annotations -	Notation -
2-Methoxy-1-Methylethyl Acetate.	TWA8h 50 ppm / 274 mg/m ³	TWA8h 50 ppm / 275 mg/m ³
	STEL 100 ppm / 548 mg/m ³	STEL15 100 ppm / 550 mg/m ³
	Annotations Sk	Notation Skin
Bis (1,2,2',6,6'-Pentamethyl-4-Piperidyl)Sebacate.	TWA8h - ppm / - mg/m ³	TWA8h - ppm / - mg/m ³
	STEL - ppm / - mg/m ³	STEL15 - ppm / - mg/m ³
	Annotations -	Notation -
Solvent Naphtha (Petroleum), Light Arom.	TWA8h - ppm / - mg/m ³	TWA8h - ppm / - mg/m ³
	STEL - ppm / - mg/m ³	STEL15 - ppm / - mg/m ³
	Annotations -	Notation -

U.K. - TWA=Time Weighted Average (8hr) - STEL=Short-term exposure limit (15-minute reference period) - H.S.E. Health and Safety Commission.

Europe - TWA = Time Weight Average (8hr) - Measured or calculated in relation to a reference period of 8 hours time-weighted average (TWA) - STEL = Short-term exposure limit - A limit value above which exposure should not occur and which is related to a 15-minute period unless otherwise specified - SCOEL

Annotations / Notations:

BMGVs: Biological monitoring guidance values.

Carc: Capable of causing cancer and/or heritable genetic damage.

Inh.: Inhalable fraction.

Resp.: Respirable fraction.

Sen: Capable of causing occupational asthma.

Sk: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.

Skin: A skin notation assigned to the occupational exposure limit value indicates the possibility of significant uptake through the skin.

DNEL

DNEL - Not available.

PNEC

PNEC - Not available.

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Individual protection measures, such as personal protective equipment

Personal Protection

Respiratory protection



If workers could be exposed to concentrations above the exposure limit they should use a respirator to EN 140, fitted with a filter suitable for both particulates and vapours to EN14387, with an assigned protection factor of at least 10 (e.g. A2P3).

Dry sanding, flame cutting and/or welding of the dry paint film may give rise to dust and/or hazardous fumes. Wet sanding should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.

Hand protection



There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. At repeated or prolonged contact; use gloves tested according to EN 374. Viton-gloves offer good protection for intense contact with most solvents, e.g. complete immersion in solvent.

Nitrile gloves offer good protection during spray application. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. The breakthrough time must be greater than the end use time of the product. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred. Due to many conditions (e.g. temperature, abrasion) the practical usage of a chemical protective glove in practice may be much shorter than the permeation time determined through testing. USE PE gloves as under gloves for difficult situations like for instance: high exposure, unknown composition or unknown properties of the chemicals.

Gloves for repeated or prolonged exposure (Permeation breakthrough times > 480 min) - High Protection:		
Material:	Minimum Thickness:	Chemical resistance:
Polyethylene (PE) Gloves	0,062mm	High
PVA Gloves	0,2-0,3mm	High
Gloves for repeated or prolonged exposure (Permeation breakthrough times 240 - 480 min) - High Protection:		
Material:	Minimum Thickness:	Chemical resistance:
Polyethylene (PE) Gloves	0,062mm	High
PVA Gloves	0,2-0,3mm	High
Gloves for repeated or prolonged exposure (Permeation breakthrough times 120-240 min) - Medium Protection:		
Material:	Minimum Thickness:	Chemical resistance:
Polyethylene (PE) Gloves	0,062mm	High
PVA Gloves	0,2-0,3mm	High
Gloves for repeated or prolonged exposure (Permeation breakthrough times 60 - 120 min) - Medium Protection:		
Material:	Minimum Thickness:	Chemical resistance:
Polyethylene (PE) Gloves	0,062mm	High
PVA Gloves	0,2-0,3mm	High

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Gloves for short term exposure / splash protection (Permeation breakthrough times 30 - 60 min):

Material:	Minimum Thickness:	Chemical resistance:
Polyethylene (PE) Gloves	0,062mm	High
PVA Gloves	0,2-0,3mm	High
Butyl Viton Gloves	0,70mm	High

Nitrile Gloves	0,31mm	High
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Gloves for short term exposure / splash protection (Permeation breakthrough times 10 - 30 min):

Material:	Minimum Thickness:	Chemical resistance:
Polyethylene (PE) Gloves	0,062mm	High
PVA Gloves	0,2-0,3mm	High
Butyl Viton Gloves	0,70mm	High

Nitrile Gloves	0,31mm	High
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Non suitable Gloves - non exhaustive list (Permeation breakthrough times < 10 min):

Material:	Thickness (or less):
Natural Rubber Gloves	0,75mm
Nitrile Gloves	0,175mm
Neoprene Gloves	0,75mm
Butyl Gloves	0,50mm



Eye/face protection

Use safety eyewear tested according to EN 16321 iso EN 166 designed to protect against splash of liquids.



Skin protection

Personnel should wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre (EN ISO 15925-2).



Environmental exposure controls

Do not allow to enter drains or water courses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

(a) Physical state

Liquid

(b) Colour

Diverse.

(c) Odour

Fruit-like odour.

(d) Melting point/freezing point

Not applicable due to nature of the product.

(e) Boiling point or initial boiling point and boiling range

Not applicable due to nature of the product. Lowest Boiling Point: Solvent naphtha (petroleum), light arom. - 104°C

(f) Flammability

Vapours are ignitable. See Flash point (h).

(g) Lower and upper explosion limit

The product itself is not explosive, but the formation of an explosive mixture of vapour or dust with air is possible.

N-Butyl Acetate.	1.2-7.6%
Hydrocarbons, C9, Aromatics	Not available.
Reaction Mass Of Ethylbenzene And Xylene.	1.0-7.0%
2-Methoxy-1-Methylethyl Acetate.	1.3-13.1%

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(g) Lower and upper explosion limit

Bis (1,2,2',6,6'-Pentamethyl-4-Piperidyl)Sebacate.

Not applicable.

Solvent Naphtha (Petroleum), Light Arom.

0.7-8%

(h) Flash point

31°C - Method: ISO13736:2021

(i) Auto-ignition temperature

Not applicable due to nature of the product.

Lowest auto ignition temperature: 2-methoxy-1-methylethyl acetate. - 333°C

(j) Decomposition temperature

Not applicable due to nature of the product.

(k) pH

Not applicable due to nature of the product. Mixture is non-soluble (in water).

(l) Kinematic viscosity492 mm²/s @40°C - Method: ISO3219

Non-Newtonian liquid - thixotropic behaviour.

(m) Solubility

Not Soluble (in water).

(n) Partition coefficient n-octanol/water (log value)

Not applicable due to nature of the product.

(o) Vapour pressure

N-Butyl Acetate.

10.7 mbar

Hydrocarbons, C9, Aromatics

0,2kPa

Reaction Mass Of Ethylbenzene And Xylene.

8.21 mbar

2-Methoxy-1-Methylethyl Acetate.

3.55 mbar

Bis (1,2,2',6,6'-Pentamethyl-4-Piperidyl)Sebacate.

<0,0001 Pa

Solvent Naphtha (Petroleum), Light Arom.

10 hPa

(p) Density and/or relative density

Relative density 1,2-1,5 @ 20°C - Method: ASTM D1475-98

(q) Relative vapour density

1-2 @ 20°C - Method: Calculated.

(r) Particle characteristics

Not applicable due to nature of the product.

9.2. Other information

Information with regard to physical hazard classes

No relevant information.

Other safety characteristics

No relevant information.

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SECTION 10: Stability and reactivity

10.1. Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2. Chemical stability

Stable under recommended storage and handling conditions (see Section 7).

10.3. Possibility of hazardous reactions

In combination with oxidizing agents, strongly alkaline and strongly acid materials, exothermic reactions and/or explosive reactions may occur or toxic vapours may arise.

10.4. Conditions to avoid

When exposed to high temperatures may produce hazardous decomposition products.

10.5. Incompatible materials

Keep away from oxidising agents, strongly alkaline and strongly acid materials.

10.6. Hazardous decomposition products

Carbon monoxide and dioxide, smoke, oxides of nitrogen etc.

SECTION 11: Toxicological information

There are no data available on the mixture itself.

The mixture has been assessed following the additivity method of the CLP Regulation (EC) No 1272/2008 and classified for toxicological hazards accordingly. See Sections 2 and 3 for details.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. The liquid splashed in the eyes may cause irritation and reversible damage. Ingestion may cause nausea, diarrhoea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Substance name

N-Butyl Acetate. - LD50 Oral - 10760 mg/kg, Rat - LD50 Dermal - 9683 mg/kg, Rabbit - LC50 Inhalation - >20,0 mg/lRat,4h

Hydrocarbons, C9, Aromatics - LD50 Oral - >2000mg/kg, Rat - LD50 Dermal - >2000mg/kg, Rat - LC50 Inhalation - >6,193 mg/lRat,4h

Reaction Mass Of Ethylbenzene And Xylene. - LD50 Oral - >2000 mg/kg, Rat - LD50 Dermal - >2000 mg/kg, Rat - LC50 Inhalation - 29 mg/lRat,4h

2-Methoxy-1-Methylethyl Acetate. - LD50 Oral - 8532 mg/kg, Rat - LD50 Dermal - >5000 mg/kg, Rat - LC50 Inhalation - >20 mg/lRat

Bis (1,2,2',6,6'-Pentamethyl-4-Piperidyl)Sebacate. - LD50 Oral - 3230 mg/kg, Rat - LD50 Dermal - >3170 mg/kg, Rat - LC50 Inhalation - Not available.

Solvent Naphtha (Petroleum), Light Arom. - LD50 Oral - 3592 mg/kg, Rat - LD50 Dermal - 3160 mg/kg, Rat - LC50 Inhalation - 6,193 mg/lRat

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Conclusion/Summary on mixture**Acute toxicity:**

ATEmix (oral) : No specific data.
ATEmix (Dermal) : No specific data.
ATEmix (Inhalation) : No specific data.

Skin corrosion/irritation:

Conclusion/Summary on mixture: Based on available data, the classification criteria are not met.

Justification: Additivity approach, No testdata available.

Serious eye damage/irritation:

Conclusion/Summary on mixture: Based on available data, the classification criteria are not met.

Justification: Additivity approach, No testdata available.

Respiratory or skin sensitisation:

Conclusion/Summary on mixture

Respiratory sensitization Based on available data, the classification criteria are not met. Justification: Concentration limit, No testdata available.

Skin sensitization May cause an allergic skin reaction. Method: Concentration Limit, no testdata available.

Germ cell mutagenicity:

Conclusion/Summary on mixture: Based on available data, the classification criteria are not met. Justification: Concentration limit, No testdata available.

Carcinogenicity:

Conclusion/Summary on mixture: Based on available data, the classification criteria are not met. Justification: Concentration limit, No testdata available.

Reproductive toxicity:

Conclusion/Summary on mixture: Based on available data, the classification criteria are not met. Justification: Concentration limit, No testdata available.

STOT - single exposure:

Conclusion/Summary on mixture: May cause drowsiness or dizziness. Method: Concentration Limit, no testdata available.

STOT - repeated exposure:

Conclusion/Summary on mixture: Based on available data, the classification criteria are not met. Justification: Concentration limit, No testdata available.

Aspiration hazard:

Conclusion/Summary on mixture: Based on available data, the classification criteria are not met.

Justification: Additivity approach / Kinematic viscosity: 492 mm²/s @40°C - Measured

Information on likely routes of exposure

Inhalation: Exposure to vapours may cause a health hazard. Serious effects may be delayed following exposure.

Ingestion: No specific data.

Skin exposure: No specific data. May cause an allergic skin reaction.

Eye exposure: No specific data.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation: No specific data.

Ingestion: No specific data.

Skin exposure: Adverse symptoms may include the following: irritation, redness.

Eye exposure: Adverse symptoms may include the following: irritation, watering, redness.

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Short term exposure:**

Potential immediate effects: No specific data.

Potential delayed effects: No specific data.

Long term exposure:

Potential immediate effects: No specific data.

Potential delayed effects: No specific data.

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Potential chronic health effects:**Conclusion/Summary on mixture**

General:	Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity:	No known significant effects or critical hazards.
Mutagenicity:	No known significant effects or critical hazards.
Teratogenicity:	No known significant effects or critical hazards.
Developmental effects:	No known significant effects or critical hazards.
Fertility effects:	No known significant effects or critical hazards.
Other information:	No relevant information.

Contains Bis (1,2,2',6,6'-Pentamethyl-4-Piperidyl)Sebacate. May produce an allergic reaction.

11.2 Information on other hazards**Endocrine disrupting properties**

No relevant information.

Other information

No relevant information.

SECTION 12: Ecological information

There are no data available on the mixture itself. Do not allow to enter drains or water courses.

The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is not classified for eco-toxicological hazards.

12.1. Toxicity**Substance name - Species - Exposure - Results**

N-Butyl Acetate. Acute (short-term) toxicity: Fish: LC50/96h 18 mg/l (P. promelas), Crustacea: EC50/48h 44 mg/l (Daphnia magna), Algae/aquatic plants: ErC50/72h 397 mg/l (Scenedesmus subspicatus), Other organisms: Lactuca sativa 14-day EC50 > 1000 mg/kg Chronic (long-term) toxicity: Fish: Not available., Crustacea: Daphnia magna: 21-d NOEC: 23 mg/L, Algae/aquatic plants: Not available., Other organisms: Not available.

Hydrocarbons, C9, Aromatics Acute (short-term) toxicity: Fish: LL50/96h 9,2mg/l (Oncorhynchus mykiss), Crustacea: EL50/48h 3,2 mg/l (Daphnia magna), Algae/aquatic plants: Not available., Other organisms: Not available. Chronic (long-term) toxicity: Fish: Not available., Crustacea: Not available., Algae/aquatic plants: Not available., Other organisms: Not available.

Reaction Mass Of Ethylbenzene And Xylene. Acute (short-term) toxicity: Fish: LC50/96h - 2.6 mg/l, Crustacea: EC50/48h 1-10 mg/l (Daphnia magna), Algae/aquatic plants: EC50/72h 2.2 mg/L (Pseudokirchneriella subcapitata), Other organisms: Not available. Chronic (long-term) toxicity: Fish: NOEC >1.3 mg/L (Salmo gairdneri), Crustacea: NOEC 0.96mg/L, Algae/aquatic plants: NOEC 0.44mg/L, Other organisms: Not available.

2-Methoxy-1-Methylethyl Acetate. Acute (short-term) toxicity: Fish: LC50/96h 130 mg/l (Pimephales promelas), Crustacea: EC50/48h 408-500 mg/l (Daphnia magna), Algae/aquatic plants: EC50/72h 1000 mg/l (Selenastrum capricornutum), Other organisms: Not available. Chronic (long-term) toxicity: Fish: NOEC 47.5 mg/L (Oryzias latipes), Crustacea: NOEC ≥ 100 mg/l, Algae/aquatic plants: NOEC ≥ 1,000 mg/l, Other organisms: Not available.

Bis (1,2,2',6,6'-Pentamethyl-4-Piperidyl)Sebacate. Acute (short-term) toxicity: Fish: LC50/96h 0.90 mg/L (Danio rerio), Crustacea: Not available., Algae/aquatic plants: EC50/72h 1,68 mg/L (Desmodesmus subspicatus), Other organisms: Not available. Chronic (long-term) toxicity: Fish: Not available., Crustacea: NOEC 6.3mg/L (Daphnia magna), Algae/aquatic plants: Not available., Other organisms: Not available.

Solvent Naphtha (Petroleum), Light Arom. Acute (short-term) toxicity: Fish: LC50/96h 10 mg/l (Oncorhynchus mykiss), Crustacea: EL50/48h 4.5 mg/l (Daphnia magna), Algae/aquatic plants: EC50/72h 3.1 mg/l (Pseudokirchneriella Subcapitata), Other organisms: Not available. Chronic (long-term) toxicity: Fish: Not available., Crustacea: NOELR 2.6 mg/l, Algae/aquatic plants: NOELR 0.5 mg/L, Other organisms: Not available.

Product code: 537PU - Version 4.1 - Revision Date: 16-07-2024

12.2. Persistence and degradability**Substance name**

N-Butyl Acetate. - Readily biodegradable.

Hydrocarbons, C9, Aromatics - Readily biodegradable.

Reaction Mass Of Ethylbenzene And Xylene. - Readily biodegradable.

2-Methoxy-1-Methylethyl Acetate. - Readily biodegradable.

Bis (1,2,2',6,6'-Pentamethyl-4-Piperidyl)Sebacate. - Readily biodegradable.

Solvent Naphtha (Petroleum), Light Arom. - Readily biodegradable.

12.3. Bioaccumulative potential**Substance name**

N-Butyl Acetate.

log Kow

2,3

BCF

15

Hydrocarbons, C9, Aromatics

Not available.

Not available.

Reaction Mass Of Ethylbenzene And Xylene.

3,1

25,9

2-Methoxy-1-Methylethyl Acetate.

1,2

Not available.

Bis (1,2,2',6,6'-Pentamethyl-4-Piperidyl)Sebacate.

2,37

<100

Solvent Naphtha (Petroleum), Light Arom.

Not available.

Not available.

12.4. Mobility in soil

Soil/water partition coefficient (KOC)

: Not available.

Mobility

: No relevant information.

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6. Endocrine disrupting properties

No relevant information.

12.7. Other adverse effects

No relevant information.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Product / Packaging disposal: Dispose of containers contaminated by the product in accordance with local or national legal provisions. The European Waste Catalogue (2014/955/EC) classification of this product. Waste codes / waste designations according to LoW: 08 01 11* Waste paint and varnish containing organic solvents or other hazardous substances. If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned. For further information contact your local waste authority. Waste should not be disposed of by release to sewers. Using information provided in this safety data sheet, advice should be obtained from the local waste authority on the classification of empty containers.

Containers which are not properly cleaned may contain (highly) flammable or explosive vapours.

Special precautions: Use appropriate protective equipment for the removal and / or disposal of this product.

Product code: 537PU - Version 4.1 - Revision Date: 16-07-2024

SECTION 14: Transport information

	ADR / RID / ADN	IMDG-Code	IATA
14.1. UN number or ID number	UN 1263	UN 1263	UN 1263
14.2. UN proper shipping name	PAINT	PAINT	PAINT
14.3. Transport hazard class(es)	Carriage in accordance with 2.2.3.1.5 - Viscous substances up to 450 litre packs	Transport in accordance with 2.3.2.5 of the IMDG-Code - Viscous substances up to 30 litre	3
Label(s)			
14.4. Packing group	III	III	III
14.5. Environmental hazards	No	No Marine Pollutant: No	No
Additional information	Hazard Identification Number No.:	Emergency Schedule Number (EmS): F-E, S-E	The "viscosity exemption" provision does not apply to air transport.

14.6. Special precautions for user

Transport within the user's premises:

Always transport in closed containers that are upright and secure.

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

The information in this Safety Data Sheet is required pursuant to

Annex II to regulation (EC) No 1907/2006 and its amendments.

The provisions of the Health and Safety at Work etc. Act [and the Control of Substances Hazardous to Health Regulations] apply to the use of this product at work.

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation.

Product code: 537PU - Version 4.1 - Revision Date: 16-07-2024

Seveso category (DIRECTIVE 2012/18/EU): P5c This product may add to the calculation for determining whether a site is within scope of the Seveso Directive on major accident hazards.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

SECTION 16: Other information

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008

[CLP]:

H226	Measured
H317	Concentration limit
H336	Additivity approach
H412	Summation method

Abbreviations and acronyms:

ADN	: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	: European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	: Acute Toxicity Estimate
BCF	: Bioconcentration factor
CLP	: Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DNEL	: Derived No Effect Level
IATA	: International Air Transport Association
IMDG-Code	: International Maritime Dangerous Goods
Kow	: octanol-water partition coefficient
LC50	: Lethal Concentration to 50 % of a test population
LD50	: Lethal Dose to 50% of a test population (Median Lethal Dose)
PBT	: Persistent, Bioaccumulative and Toxic substance
PNEC	: Predicted No Effect Concentration(s)
RID	: Regulations concerning the International Carriage of Dangerous Goods by Rail
STOT	: Specific Target Organ Toxicity
vPvB	: Very Persistent and Very Bioaccumulative

Product code: 537PU - Version 4.1 - Revision Date: 16-07-2024

Full text of Hazard Statements appearing in Section 3.2.:

- EUH066 Repeated exposure may cause skin dryness or cracking.
- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H312+H332 Harmful in contact with skin or if inhaled.
- H315 Causes skin irritation.
- H317-(1A) May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H361 Suspected of damaging fertility or the unborn child.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

The SUMI (Annex) is applicable for the mixed product: Base + Hardener (+Additive) / Comp.A + Comp.B (+Additive)

Amendments: 16-07-2024, §3,8,9,11,12&16

The information of this SDS is based on the present state of our knowledge and on current 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. The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

UNY MARINE HS M BASE

Safe Use of Mixtures Information for end-users (SUMI)

Title: Professional spray painting, near-industrial setting - CEPE_PW_01

This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and labels.

General description of the process covered

Indoor spray painting by professionals with efficient ventilation such as spray booth or local exhaust ventilation.

This safe use information is linked to: SWED CEPE_PW_01

Operational Conditions

Indoor use.

Maximum duration of individual exposure: covers daily use up to 8 hours, 225 days per year *

Risk Management Measures			
Contributing activity		Ventilation	Ventilation - air changes/hr
Preparation of material for application		Enhanced (mechanical) room ventilation	5-10
Loading of application equipment and handling of coated parts before curing		Enhanced (mechanical) room ventilation	5-10
Application		Local exhaust ventilation, spray booth or equivalent	Refer to relevant technical standards
Application equipment cleaning		Enhanced (mechanical) room ventilation	5-10
Waste management		Enhanced (mechanical) room ventilation	5-10
Contributing activity	Respiratory 	Eye 	Hands 
Preparation of material for application	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Loading of application equipment and handling of coated parts before curing	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Application	Wear a respirator conforming to EN140 with an assigned protection factor of at least 10	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Application equipment cleaning	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Waste management	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374

See Section 8 of this Safety Data Sheet for specifications.

In case this product contains substances classified as hazardous to the environment, the use has been assessed to be safe for the environment. The assessment is based on the exposure parameters that are described for the product use in the corresponding SPERCs. For the disposal of product residues and waste please refer to section 13 of the Safety Data Sheet.

Disclaimer: The information in this Safe Use of Mixtures Information sheet is based on the data provided by the substance supplier for the substances in the product for which a chemical safety assessment has been carried out at the time of issue. It does not guarantee safe use of the product and does not replace any occupational risk assessment required by legislation. When developing workplace instructions for employees, SUMI sheets should always be considered in combination with the SDS and the label of the product. No liability is accepted for any damage, no matter of what kind, which is the direct or indirect consequence of acts and/or decisions (partly) based on the contents of this document.

UNY MARINE HS M BASE

Safe Use of Mixtures Information for end-users (SUMI)

Title: Professional non-spray painting, near-industrial setting - CEPE_PW_02

This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and labels.

General description of the process covered

Indoor painting by professionals with brush, roller, putty knife etc. with enhanced ventilation or local exhaust ventilation

This safe use information is linked to: SWED CEPE_PW_02

Operational Conditions

Indoor use.

Maximum duration of individual exposure: covers daily use up to 8 hours, 225 days per year *

Risk Management Measures			
Contributing activity		Ventilation	Ventilation - air changes/hr
Preparation of material for application		Enhanced (mechanical) room ventilation	5-10
Loading of application equipment and handling of coated parts before curing		Enhanced (mechanical) room ventilation	5-10
Application		Local exhaust ventilation	Refer to relevant technical standards
Application equipment cleaning		Enhanced (mechanical) room ventilation	5-10
Waste management		Enhanced (mechanical) room ventilation	5-10
Contributing activity	Respiratory 	Eye 	Hands 
Preparation of material for application	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Loading of application equipment and handling of coated parts before curing	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Application	Wear a respirator conforming to EN140 with an assigned protection factor of at least 10	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Application equipment cleaning	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Waste management	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374

See Section 8 of this Safety Data Sheet for specifications.

In case this product contains substances classified as hazardous to the environment, the use has been assessed to be safe for the environment. The assessment is based on the exposure parameters that are described for the product use in the corresponding SPERCs. For the disposal of product residues and waste please refer to section 13 of the Safety Data Sheet.

Disclaimer: The information in this Safe Use of Mixtures Information sheet is based on the data provided by the substance supplier for the substances in the product for which a chemical safety assessment has been carried out at the time of issue. It does not guarantee safe use of the product and does not replace any occupational risk assessment required by legislation. When developing workplace instructions for employees, SUMI sheets should always be considered in combination with the SDS and the label of the product. No liability is accepted for any damage, no matter of what kind, which is the direct or indirect consequence of acts and/or decisions (partly) based on the contents of this document.

UNY MARINE HS M BASE

Safe Use of Mixtures Information for end-users (SUMI)

Title: Professional spray painting, indoor (with respiratory protection) - CEPE_PW_03b

This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and labels.

General description of the process covered

Indoor spray painting by professionals for specialist applications, with general room ventilation plus respiratory protection.

This safe use information is linked to: SWED CEPE_PW_03b

Operational Conditions

Indoor use.

Maximum duration of individual exposure: covers daily use up to 8 hours, 225 days per year *

Risk Management Measures			
Contributing activity		Ventilation	Ventilation - air changes/hr
Preparation of material for application		Good general room ventilation (e.g. open windows)	3-5
Loading of application equipment and handling of coated parts before curing		Good general room ventilation (e.g. open windows)	3-5
Application		Good general room ventilation (e.g. open windows)	3-5
Application equipment cleaning		Good general room ventilation (e.g. open windows)	3-5
Waste management		Good general room ventilation (e.g. open windows)	3-5
Contributing activity	Respiratory 	Eye 	Hands 
Preparation of material for application	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Loading of application equipment and handling of coated parts before curing	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Application	Wear a respirator conforming to EN140 with an assigned protection factor of at least 10	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Application equipment cleaning	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Waste management	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374

See Section 8 of this Safety Data Sheet for specifications.

In case this product contains substances classified as hazardous to the environment, the use has been assessed to be safe for the environment. The assessment is based on the exposure parameters that are described for the product use in the corresponding SPERCs. For the disposal of product residues and waste please refer to section 13 of the Safety Data Sheet.

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UNY MARINE HS M BASE

Safe Use of Mixtures Information for end-users (SUMI)

Title: Professional painting, indoor brush/roller - CEPE_PW_04

This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and labels.

General description of the process covered

Indoor painting by professionals with brush or roller, with general room ventilation (open doors/windows).

This safe use information is linked to: SWED CEPE_PW_04

Operational Conditions

Indoor use.

Maximum duration of individual exposure: covers daily use up to 8 hours, 225 days per year *

Risk Management Measures			
Contributing activity	Ventilation	Ventilation - air changes/hr	
Preparation of material for application	Good general room ventilation (e.g. open windows)	3-5	
Loading of application equipment and handling of coated parts before curing	Good general room ventilation (e.g. open windows)	3-5	
Application	Good general room ventilation (e.g. open windows)	3-5	
Application equipment cleaning	Good general room ventilation (e.g. open windows)	3-5	
Waste management	Good general room ventilation (e.g. open windows)	3-5	
Contributing activity	Respiratory	Eye 	Hands 
Preparation of material for application	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Loading of application equipment and handling of coated parts before curing	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Application	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Application equipment cleaning	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Waste management	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374

See Section 8 of this Safety Data Sheet for specifications.

In case this product contains substances classified as hazardous to the environment, the use has been assessed to be safe for the environment. The assessment is based on the exposure parameters that are described for the product use in the corresponding SPERCs. For the disposal of product residues and waste please refer to section 13 of the Safety Data Sheet.

Disclaimer: The information in this Safe Use of Mixtures Information sheet is based on the data provided by the substance supplier for the substances in the product for which a chemical safety assessment has been carried out at the time of issue. It does not guarantee safe use of the product and does not replace any occupational risk assessment required by legislation. When developing workplace instructions for employees, SUMI sheets should always be considered in combination with the SDS and the label of the product. No liability is accepted for any damage, no matter of what kind, which is the direct or indirect consequence of acts and/or decisions (partly) based on the contents of this document.

UNY MARINE HS M BASE

Safe Use of Mixtures Information for end-users (SUMI)

Title: Professional spray painting, outdoor (with respiratory protection) - CEPE_PW_05b

This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and labels.

General description of the process covered

Outdoor spray painting by professionals for specialist applications, with respiratory protection.

This safe use information is linked to: SWED CEPE_PW_05b

Operational Conditions

Outdoor use.

Maximum duration of individual exposure: covers daily use up to 8 hours, 225 days per year *

Risk Management Measures			
Contributing activity	Ventilation	Ventilation - air changes/hr	
Preparation of material for application	Outdoors	3-5	
Loading of application equipment and handling of coated parts before curing	Outdoors	3-5	
Application	Outdoors	3-5	
Application equipment cleaning	Outdoors	3-5	
Waste management	Outdoors	3-5	
Contributing activity	Respiratory 	Eye 	Hands 
Preparation of material for application	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Loading of application equipment and handling of coated parts before curing	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Application	Wear a respirator conforming to EN140 with an assigned protection factor of at least 10	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Application equipment cleaning	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Waste management	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374

See Section 8 of this Safety Data Sheet for specifications.

In case this product contains substances classified as hazardous to the environment, the use has been assessed to be safe for the environment. The assessment is based on the exposure parameters that are described for the product use in the corresponding SPERCs. For the disposal of product residues and waste please refer to section 13 of the Safety Data Sheet.

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UNY MARINE HS M BASE

Safe Use of Mixtures Information for end-users (SUMI)

Title: Professional painting, outdoor brush/roller - CEPE_PW_06

This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and labels.

General description of the process covered

Outdoor painting by professionals with brush or roller.

This safe use information is linked to: SWED CEPE_PW_06

Operational Conditions

Outdoor use.

Maximum duration of individual exposure: covers daily use up to 8 hours, 225 days per year *

Risk Management Measures			
Contributing activity	Ventilation		Ventilation - air changes/hr
Preparation of material for application	Outdoors		3-5
Loading of application equipment and handling of coated parts before curing	Outdoors		3-5
Application	Outdoors		3-5
Application equipment cleaning	Outdoors		3-5
Waste management	Outdoors		3-5
Contributing activity	Respiratory	Eye 	Hands 
Preparation of material for application	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Loading of application equipment and handling of coated parts before curing	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Application	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Application equipment cleaning	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374
Waste management	None	Use eye protection according to EN 16321 iso EN 166	Wear suitable gloves tested to EN ISO 374

See Section 8 of this Safety Data Sheet for specifications.

In case this product contains substances classified as hazardous to the environment, the use has been assessed to be safe for the environment. The assessment is based on the exposure parameters that are described for the product use in the corresponding SPERCs. For the disposal of product residues and waste please refer to section 13 of the Safety Data Sheet.

Disclaimer: The information in this Safe Use of Mixtures Information sheet is based on the data provided by the substance supplier for the substances in the product for which a chemical safety assessment has been carried out at the time of issue. It does not guarantee safe use of the product and does not replace any occupational risk assessment required by legislation. When developing workplace instructions for employees, SUMI sheets should always be considered in combination with the SDS and the label of the product. No liability is accepted for any damage, no matter of what kind, which is the direct or indirect consequence of acts and/or decisions (partly) based on the contents of this document.