

1 Identification

- **Product identifier**

- *Product number* WUM5AA24
- *Trade name:* **UV WB WHITE SELF-S 20 GLOSS**
- *Application of the substance / the mixture* For professional use

- **Details of the supplier of the safety data sheet**

- *Manufacturer/Supplier:*
IVM Chemicals Srl
Viale della Stazione 3 -27020 Parona (PV)Italy -Tel +39 038425441
1.3.2 Importer

Name I.C.& S. DISTRIBUTING CO.
 Address P.O.BOX 10845
 LANCASTER. PA
 USA
 E-Mail: nelson@ics-company.com

- *Information department:*

Environmental Health and safety office
 hseoffice@ivmchemicals.com

- *Emergency telephone number:*

ChemTel Expert Assistance Hotline/SDS Fax Access by dialing 1-800-255-3924 or for International +1-813-248-0585.
 001 813-248-0585

2 Hazard(s) identification

- **Classification of the substance or mixture**

Flammable Liquids 4 H227 Combustible liquid. Flam. Liq. 4
 Sensitization - Skin 1 H317 May cause an allergic skin reaction.
 Carcinogenicity 2 H351 Suspected of causing cancer.
 Aquatic Acute 2 H401 Toxic to aquatic life.
 Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

- **Label elements**

- *GHS label elements*

The product is classified and labeled according to the Globally Harmonized System (GHS).

- *Hazard pictograms*



GHS07 GHS08 GHS09

- *Signal word* Warning

- *Hazard-determining components of labeling:*

2,2-bis(acryloyloxymethyl)butyl acrylate
 2-methyl-2H-isothiazol-3-one
 2 propenoic acid, reaction products with dipentaerythritol
 phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide

- *Hazard statements*

H227 Combustible liquid. Flam. Liq. 4
 H317 May cause an allergic skin reaction.
 H351 Suspected of causing cancer.
 H401 Toxic to aquatic life.
 H411 Toxic to aquatic life with long lasting effects.

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Precautionary statements

- P210 Keep away from flames and hot surfaces. . No smoking.
- P261 Avoid breathing dust/fume/gas/mist/vapors/spray
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P363 Wash contaminated clothing before reuse.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:

· **NFPA ratings (scale 0 - 4)**



· **HMIS-ratings (scale 0 - 4)**



3 Composition/information on ingredients

Chemical characterization: Mixtures

· **Description:** Mixture: consisting of the following components.

Dangerous components:

15625-89-5	2,2-bis(acryloyloxymethyl)butyl acrylate <ul style="list-style-type: none"> ☠ Carcinogenicity 2, H351 ☠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410 ⚠ Skin Irritation 2, H315; Eye Irritation 2A, H319; Sensitization - Skin 1, H317 	2.5-4.99%
7473-98-5	2-hydroxy-2-methylpropiophenone <ul style="list-style-type: none"> ⚠ Acute Toxicity - Oral 4, H302 Aquatic Acute 3, H402; Aquatic Chronic 3, H412 	<2.5%
111-76-2	2-butoxyethanol <ul style="list-style-type: none"> ⚠ Acute Toxicity - Oral 4, H302; Acute Toxicity - Dermal 4, H312; Acute Toxicity - Inhalation 4, H332; Skin Irritation 2, H315; Eye Irritation 2A, H319 Flammable Liquids 4, H227 	0.5-1%
5131-66-8	3-butoxypropan-2-ol <ul style="list-style-type: none"> ⚠ Skin Irritation 2, H315; Eye Irritation 2A, H319 Flammable Liquids 4, H227 	0.5-1%
112-34-5	2-(2-butoxyethoxy)ethanol <ul style="list-style-type: none"> ⚠ Eye Irritation 2A, H319 	0.5-1%
111-90-0	Diethylene glycol monoethyl ether <ul style="list-style-type: none"> Flammable Liquids 4, H227 	0.5-1%
1384855-91-7	2 propenoic acid, reaction products with dipentaerythritol <ul style="list-style-type: none"> ⚠ Skin Irritation 2, H315; Eye Irritation 2A, H319; Sensitization - Skin 1A, H317 Aquatic Acute 3, H402; Aquatic Chronic 3, H412 	≥0.5-<1%
162881-26-7	phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide <ul style="list-style-type: none"> ⚠ Sensitization - Skin 1A, H317 Aquatic Chronic 4, H413 	≥0.1-<0.5%

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121-44-8	triethylamine ⚠ Flammable Liquids 2, H225 ⚠ Acute Toxicity - Dermal 3, H311; Acute Toxicity - Inhalation 3, H331 ⚠ Skin Corrosion 1A, H314 ⚠ Acute Toxicity - Oral 4, H302	<0.5%
2682-20-4	2-methyl-2H-isothiazol-3-one ⚠ Acute Toxicity - Oral 3, H301; Acute Toxicity - Dermal 3, H311; Acute Toxicity - Inhalation 3, H331 ⚠ Skin Corrosion 1B, H314; Eye Damage 1, H318 ⚠ Sensitization - Skin 1, H317	≥0.0015-<0.01%
55965-84-9	a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1) ⚠ Acute Toxicity - Oral 3, H301; Acute Toxicity - Dermal 2, H310; Acute Toxicity - Inhalation 2, H330 ⚠ Skin Corrosion 1B, H314; Eye Damage 1, H318 ⚠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100) ⚠ Sensitization - Skin 1A, H317	≥0.00025-<0.0015%

4 First-aid measures

· Description of first aid measures

· General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

personal protective equipment for first aid responders is recommended. (please see section 8)

· After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· After skin contact: Immediately wash with water and soap and rinse thoroughly.

· After eye contact: Rinse opened eye for several minutes under running water.

· After swallowing: Do not induce vomiting; immediately call for medical help.

· Information for doctor:

· Most important symptoms and effects, both acute and delayed

Allergic reactions

For symptoms and effects caused by substances, refer to Section 11.

· Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire-fighting measures

· Extinguishing media

· Suitable extinguishing agents:

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· For safety reasons unsuitable extinguishing agents:

Do not use a jet water stream as it may scatter and spread fire.

· Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Nitrogen oxides (NO_x)

Carbon monoxide (CO)

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- **Advice for firefighters**

Cool by spraying with water the containers to prevent product decomposition and the development of substances potentially hazardous for health and also, in the case of closed containers exposed to flames to prevent explosions.

- **Protective equipment:**

Hardhat with visor, fireproof clothing, suitable gloves and if necessary respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Keep away from ignition sources

- **Environmental precautions:**

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

- **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to Section 13.

Ensure adequate ventilation.

- **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

- **Protective Action Criteria for Chemicals**

- **PAC-1:**

13463-67-7	Titanium dioxide C.I. 77891 Pigment white 6	30 mg/m
7631-86-9	silicon dioxide, chemically prepared	18 mg/m
111-76-2	2-butoxyethanol	60 ppm
112-34-5	2-(2-butoxyethoxy)ethanol	30 ppm
111-90-0	Diethylene glycol monoethyl ether	75 ppm
68439-49-6	c16-18 alcohols ethoxylated	3.8 mg/m
25322-69-4	Propane-1,2-diol, propoxylated	30 mg/m
121-44-8	triethylamine	1 ppm

- **PAC-2:**

13463-67-7	Titanium dioxide C.I. 77891 Pigment white 6	330 mg/m
7631-86-9	silicon dioxide, chemically prepared	740 mg/m
111-76-2	2-butoxyethanol	120 ppm
112-34-5	2-(2-butoxyethoxy)ethanol	33 ppm
111-90-0	Diethylene glycol monoethyl ether	100 ppm
68439-49-6	c16-18 alcohols ethoxylated	42 mg/m
25322-69-4	Propane-1,2-diol, propoxylated	330 mg/m
121-44-8	triethylamine	170 ppm

- **PAC-3:**

13463-67-7	Titanium dioxide C.I. 77891 Pigment white 6	2,000 mg/m
7631-86-9	silicon dioxide, chemically prepared	4,500 mg/m

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111-76-2	2-butoxyethanol	700 ppm
112-34-5	2-(2-butoxyethoxy)ethanol	200 ppm
111-90-0	Diethylene glycol monoethyl ether	450 ppm
68439-49-6	c16-18 alcohols ethoxylated	250 mg/m
25322-69-4	Propane-1,2-diol, propoxylated	2,000 mg/m
121-44-8	triethylamine	1,000 ppm

7 Handling and storage

· Handling:

· Precautions for safe handling

- Ensure good ventilation/exhaustion at the workplace.
- Open and handle receptacle with care.
- Prevent formation of aerosols.
- Keep respiratory protective device available.

· Information about protection against explosions and fires:

- Keep ignition sources away - Do not smoke.
- Keep respiratory protective device available.

· Conditions for safe storage, including any incompatibilities

· Storage:

· Requirements to be met by storerooms and receptacles:

- Observe the label precautions, the expiration date for the use, if not indicated, is from delivery date of goods.
- In cases where there is no reported expiration date, it means that the product must be used within 8 months.
- Take on temperature greater than 5 ° C

· Information about storage in one common storage facility: Not required.

· Further information about storage conditions: Keep receptacle tightly sealed.

· Specific end use(s) Those typical of the product and the instructions in the data sheet if required.

8 Exposure controls/personal protection

· Additional information about design of technical systems: No further data; see item 7.

· Control parameters

· Components with limit values that require monitoring at the workplace:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

15625-89-5 2,2-bis(acryloyloxymethyl)butyl acrylate

WEEL	Long-term value: 1 mg/m Skin
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111-76-2 2-butoxyethanol

PEL	Long-term value: 240 mg/m , 50 ppm Skin
REL	Long-term value: 24 mg/m , 5 ppm Skin
TLV	Long-term value: 20 ppm BEI, A3

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112-34-5 2-(2-butoxyethoxy)ethanol

TLV	Long-term value: 10* ppm *Inhalable fraction and vapor
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111-90-0 Diethylene glycol monoethyl ether

WEEL	Long-term value: 25 ppm
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121-44-8 triethylamine

PEL	Long-term value: 100 mg/m , 25 ppm
TLV	Short-term value: 1 ppm Long-term value: 0.5 ppm Skin, A4

· Ingredients with biological limit values:**111-76-2 2-butoxyethanol**

BEI	200 mg/g creatinine Medium: urine Time: end of shift Parameter: Butoxyacetic acid (BAA) (with hydrolysis)
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· **Additional information:** The lists that were valid during the creation were used as basis.

· Exposure controls**· Personal protective equipment:****· General protective and hygienic measures:**

- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing.
- Wash hands before breaks and at the end of work.
- Store protective clothing separately.

· Breathing equipment:

Short term filter device:



Suitable respiratory protective device recommended.

Filter A

· Protection of hands:

Protective gloves

Due to missing tests no recommendation to the glove material can be given for the product. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

The glove material has to be impermeable and resistant to the product .

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· **Eye protection:** Goggles recommended during refilling.

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

· Form:

Fluid

· Color:

According to product specification

· Odor:

Characteristic

· Odor threshold:

Not determined.

· pH-value:

Mixture is non-polar/aprotic.

Range: 7 - 9

· Change in condition

· Melting point/Melting range:

Undetermined.

· Boiling point/Boiling range:

100 °C (212 °F)

· Flash point:

61 °C (141.8 °F)

· Flammability (solid, gaseous):

Not applicable.

· Ignition temperature:

240 °C (464 °F)

· Decomposition temperature:

Not determined.

· Auto igniting:

Product is not selfigniting.

· Danger of explosion:

Not determined.

· Explosion limits:

· Lower:

1.1 Vol %

· Upper:

10.6 Vol %

· Vapor pressure at 20 °C (68 °F):

1.3 hPa (1 mm Hg)

· Density (+/- 0,03) at 20 °C (68 °F):

1.188 g/cm (9.914 lbs/gal)

· Relative density

Not determined.

· Vapor density

Not determined.

· Evaporation rate

Not determined.

· Solubility in / Miscibility with

· Water:

Fully miscible.

· Partition coefficient (n-octanol/water):

Not determined.

· Viscosity:

· Dynamic:

Not determined.

· Kinematic at 20 °C (68 °F):

60 s (ISO 6 mm)

· Oxidising properties:

N.A.

· Solvent content:

· Water:

48.5 %

· VOC content:

3.83 %

45.5 g/l / 0.38 lb/gal

· Solids content:

47.6 %

· Other information (HAPS)

112-34-5 | 2-(2-butoxyethoxy)ethanol

0.5-1%

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111-90-0	Diethylene glycol monoethyl ether	0.5-1%
121-44-8	triethylamine	<0.5%
110-80-5	2-ethoxyethanol	<0.01%
79-10-7	acrylic acid	<0.01%

· **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity** typical of the product as indicated in the data sheet
- **Chemical stability** The product is stable in normal conditions of storage and use recommended
 - **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** Acids, alkalis and oxidizing agents
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
 - **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

ATE (Acute Toxicity Estimate)

Oral	LD50	65,617 mg/kg
Dermal	LD50	86,597 mg/kg
Inhalative	LC50/4 h	962 mg/l (mouse)

15625-89-5 2,2-bis(acryloyloxymethyl)butyl acrylate

Oral	LD50	5,001 mg/kg (mouse)
Dermal	LD50	5,001 mg/kg (mouse)

7473-98-5 2-hydroxy-2-methylpropiophenone

Oral	LD50	1,694 mg/kg (mouse)
Dermal	LD50	6,929 mg/kg (mouse)

111-76-2 2-butoxyethanol

Oral	LD50	1,200 mg/kg (ATE)
		1,480 mg/kg (mouse)
Dermal	LD50	1,100 mg/kg (rab)
Inhalative	LC50/4 h	11 mg/l (mouse)

5131-66-8 3-butoxypropan-2-ol

Oral	LD50	3,300 mg/kg (mouse)
Dermal	LD50	8,001 mg/kg (mouse)

112-34-5 2-(2-butoxyethoxy)ethanol

Oral	LD50	6,600 mg/kg (mouse)
Dermal	LD50	2,764 mg/kg (rabbit)

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111-90-0 Diethylene glycol monoethyl ether

Oral LD50 6,031 mg/kg (mouse)

Dermal LD50 9,143 mg/kg (rabbit)

1384855-91-7 2 propenoic acid, reaction products with dipentaerythritol

Oral LD50 2,001 mg/kg (mouse)

Dermal LD50 2,001 mg/kg (rabbit)

162881-26-7 phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide

Oral LD50 2,001 mg/kg (mouse)

Dermal LD50 2,001 mg/kg (mouse)

121-44-8 triethylamine

Oral LD50 730 mg/kg (mouse)

Dermal LD50 580 mg/kg (rabbit)

Inhalative LC50/4 h 10.9 mg/l (mouse)

2682-20-4 2-methyl-2H-isothiazol-3-one

Oral LD50 200 mg/kg (mouse)

Dermal LD50 400 mg/kg (mouse)

Inhalative LC50/4 h 0.53 mg/l (mouse)

· **Primary irritant effect:**· *on the skin:* No irritant effect.· *on the eye:* No irritating effect.· **Sensitization:** Sensitization possible through skin contact.· **Additional toxicological information:**

Irritant

May cause an allergic skin reaction.

Suspected of causing cancer.

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

· **Carcinogenic categories**

Titanium dioxide

IARC's Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint."

· **IARC (International Agency for Research on Cancer - Cl. 1 and 2)**

13463-67-7 Titanium dioxide C.I. 77891 Pigment white 6

2B - DUST

15625-89-5 2,2-bis(acryloyloxymethyl)butyl acrylate

2B

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information· **Toxicity** Toxic to aquatic life with long lasting effects.

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<i>· Aquatic toxicity:</i>	
15625-89-5 2,2-bis(acryloyloxymethyl)butyl acrylate	
EC50	4.9 mg/l (algae) (72 h) 19.9 mg/l (daphnia) (48 h)
LC50 (96h)	2.1 mg/l (Fish)
7473-98-5 2-hydroxy-2-methylpropiophenone	
EC50	119 mg/l (daphnia) (48h)
LC50 (96h)	160 mg/l (Fish)
111-76-2 2-butoxyethanol	
EC50	101 mg/l (daphnia) (24 h)
LC50 (96h)	101 mg/l (Fish)
5131-66-8 3-butoxypropan-2-ol	
EC50	1,001 mg/l (algae) (96 h) 1,001 mg/l (daphnia) (48 h)
LC50 (96h)	1,000 mg/l (Fish)
112-34-5 2-(2-butoxyethoxy)ethanol	
EC50	1,001 mg/l (daphnia) (48 h)
LC50 (96h)	1,300 mg/l (<i>Leuciscus idus melanotus</i>)
111-90-0 Diethylene glycol monoethyl ether	
LC50 48h	1,982 mg/l (daphnia)
LC50 (96h)	101 mg/l (Fish)
1384855-91-7 2 propenoic acid, reaction products with dipentaerythritol	
EC50	101 mg/l (algae) (72 h) 35 mg/l (daphnia) (48 h)
LC50 (96h)	13 mg/l (Fish)
162881-26-7 phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide	
EC50	1,175 mg/l (daphnia) 48h
121-44-8 triethylamine	
EC50	8 mg/l (algae) (72 h) 17 mg/l (daphnia) (48 h)
LC50 (96h)	36 mg/l (Fish)
55965-84-9 a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1)	
EC50	0.027 mg/l (algae) (72 h) 0.16 mg/l (daphnia) (48 h)
LC50 (96h)	0.19 mg/l (Fish)

· Persistence and degradability No further relevant information available.

<i>· Substances Easily biodegradable</i>	
15625-89-5	2,2-bis(acryloyloxymethyl)butyl acrylate .
111-76-2	2-butoxyethanol .
5131-66-8	3-butoxypropan-2-ol .
112-34-5	2-(2-butoxyethoxy)ethanol .
111-90-0	Diethylene glycol monoethyl ether .

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- **Behavior in environmental systems:**
 - *Bioaccumulative potential* No further relevant information available.
 - *Mobility in soil* No further relevant information available.
- **Ecotoxicological effects:**
 - *Remark:* Toxic for fish
- **Additional ecological information:**
 - *General notes:*
 - Water hazard class 1 (Self-assessment): slightly hazardous for water
 - Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
 - Also poisonous for fish and plankton in water bodies.
 - Toxic for aquatic organisms
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
 - *Recommendation:*
 - Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
 - Hand over to hazardous waste disposers.
 - Dispose of contents and container in accordance with local state and federal regulations.
- **Uncleaned packagings:**
 - *Recommendation:* Disposal must be made according to official regulations.
 - *Recommended cleansing agent:* Water, if necessary with cleansing agents.

14 Transport information

- **UN-Number**
 - *DOT, IMDG, IATA* UN3082
 - *Note* Check viscosity and flash point at section 9
- **UN proper shipping name**
 - *DOT* Environmentally hazardous substance, liquid, n.o.s.
 - *IMDG* ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,2-bis(acryloyloxymethyl)butyl acrylate), MARINE POLLUTANT
 - *IATA* ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,2-bis(acryloyloxymethyl)butyl acrylate)
- **Transport hazard class(es)**
 - *DOT, IMDG, IATA*
 - 
 - *Class* 9 Miscellaneous dangerous substances and articles

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Safety Data Sheet

acc. to OSHA HCS

Printing date 09/14/2022

Version number 4

Reviewed on 08/30/2022

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· Label	9
· Class	9 Miscellaneous dangerous substances and articles
· Label	9
· Packing group	III
· DOT, IMDG, IATA	III
· Environmental hazards:	Product contains environmentally hazardous substances:
· Marine pollutant:	Yes
· Special marking (IATA):	Symbol (fish and tree)
· Special precautions for user	Warning: Miscellaneous dangerous substances and articles
· Hazard identification number (Kemler code):	90
· EMS Number:	F-A,S-F
· Stowage Category	A
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· DOT	
· Remarks:	Special marking with the symbol (fish and tree).
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,2-BIS(ACRYLOYLOXYMETHYL)BUTYL ACRYLATE), 9, III

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- Various regulations
- SARA

· Section 355 (extremely hazardous substances):		
None of the ingredients is listed.		
· Section 313 (Specific toxic chemical listings) :		
111-76-2	2-butoxyethanol	0.5-1%
112-34-5	2-(2-butoxyethoxy)ethanol	0.5-1%
111-90-0	Diethylene glycol monoethyl ether	0.5-1%

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121-44-8	triethylamine	<0.5%
110-80-5	2-ethoxyethanol	<0.01%
79-10-7	acrylic acid	<0.01%

· **TSCA (Toxic Substances Control Act):**

All components have the value ACTIVE.

· **Hazardous Air Pollutants**

121-44-8	triethylamine
79-10-7	acrylic acid

· **Proposition 65**

· **Chemicals known to cause cancer:**

Titanium dioxide only in bound form

13463-67-7	Titanium dioxide C.I. 77891 Pigment white 6	only for Dust	15-19.99%
15625-89-5	2,2-bis(acryloyloxymethyl)butyl acrylate	*	2.5-4.99%

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

110-80-5	2-ethoxyethanol	<0.01%
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· **Chemicals known to cause developmental toxicity:**

110-80-5	2-ethoxyethanol	<0.01%
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· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

111-76-2	2-butoxyethanol	NL	0.5-1%
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· **TLV (Threshold Limit Value)**

13463-67-7	Titanium dioxide C.I. 77891 Pigment white 6	A4
111-76-2	2-butoxyethanol	A3
121-44-8	triethylamine	A4

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

13463-67-7	Titanium dioxide C.I. 77891 Pigment white 6	15-19.99%
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· **National regulations:**

The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** IVM Chemicals Srl
- **Contact:** See emergency phone
- **Date of preparation / last revision** 09/14/2022 / 3

· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods
 DOT: US Department of Transportation
 IATA: International Air Transport Association
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 NFPA: National Fire Protection Association (USA)
 HMIS: Hazardous Materials Identification System (USA)

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Product number WUM5AA24**Trade name: UV WB WHITE SELF-S 20 GLOSS**

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VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

BEI: Biological Exposure Limit

Flammable Liquids 2: Flammable liquids . Category 2

Flammable Liquids 4: Flammable liquids . Category 4

Acute Toxicity - Oral 4: Acute toxicity . Category 4

Acute Toxicity - Dermal 2: Acute toxicity . Category 2

Acute Toxicity - Dermal 3: Acute toxicity . Category 3

Skin Corrosion 1A: Skin corrosion/irritation . Category 1A

Skin Corrosion 1B: Skin corrosion/irritation . Category 1B

Skin Irritation 2: Skin corrosion/irritation . Category 2

Eye Damage 1: Serious eye damage/eye irritation . Category 1

Eye Irritation 2A: Serious eye damage/eye irritation . Category 2A

Sensitization - Skin 1: Skin sensitisation . Category 1

Sensitization - Skin 1A: Skin sensitisation . Category 1A

Carcinogenicity 2: Carcinogenicity . Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard . Category 1

Aquatic Acute 2: Hazardous to the aquatic environment - acute aquatic hazard . Category 2

Aquatic Acute 3: Hazardous to the aquatic environment - acute aquatic hazard . Category 3

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard . Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard . Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard . Category 3

Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard . Category 4

• **Sources**

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL and following amendments

Agency ECHA web site

INRS Fiche Toxicologique

IARC International agency for research on cancer

• * **Data compared to the previous version altered.**