

1 Identification**1.1 Product identifier**Trade name: **C495 CLEAR EXPRESS 4:1 SEMI GLOSS**

Article number: 420

Application of the substance / the mixture Surface protection

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

H.B. BODY S.A

B' ENTRANCE BLOCK 50 DA9 & MB6 Str

THESSALONIKI INDUSTRIAL AREA

57.022, SINDOS

THESSALONIKI,GREECE

Ph: +30 2310 790 000

Fax: +30 2310 790 033

email: hbbody@hbbody.com

Information department:

HB BODY S.A.

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Ph: +30 2310 790 000

Fax: +30 2310 790 033

www.hbbody.com

email: hbbody@hbbody.com

1.4 Emergency telephone number: CHEMTRECK : 800-494-9300**2 Hazard(s) identification****2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008



GHS02 Flame

Flammable Liquids 2

H225 Highly flammable liquid and vapor.



GHS07

Skin Irritation 2

H315 Causes skin irritation.

Eye Irritation 2A

H319 Causes serious eye irritation.

Specific Target Organ Toxicity - Single Exposure 3 H336 May cause drowsiness or dizziness.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labeled according to the CLP regulation.

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· Hazard pictograms



GHS02 GHS07

· Signal word Danger

· Hazard-determining components of labeling:

n-butyl acetate
butanone

· Hazard statements

H225 Highly flammable liquid and vapor.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

· Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a poison center/doctor if you feel unwell.
P321 Specific treatment (see on this label).
P362+P364 Take off contaminated clothing and wash it before reuse.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P370+P378 In case of fire: Use CO2, powder or water spray to extinguish.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· Classification system:

· NFPA ratings (scale 0 - 4)



Health = 2
Fire = 3
Reactivity = 0

· HMIS-ratings (scale 0 - 4)



HEALTH 2 Health = 2
FIRE 3 Fire = 3
REACTIVITY 0 Reactivity = 0

· **2.3 Other hazards**

· Results of PBT and vPvB assessment

· PBT: Not applicable.

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· vPvB: Not applicable.

3 Composition/information on ingredients

3.2 Chemical characterization: Mixtures

· Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous components:

CAS: 1330-20-7	xylene	25-<30%
EINECS: 215-535-7	⚠ Flammable Liquids 3, H226	
Index number: 601-022-00-9	⚠ Acute Toxicity - Dermal 4, H312; Acute Toxicity - Inhalation 4, H332; Skin	
RTECS: ZE 2100000	⚠ Irritation 2, H315	
CAS: 123-86-4	n-butyl acetate	10-<15%
EINECS: 204-658-1	⚠ Flammable Liquids 3, H226	
Index number: 607-025-00-1	⚠ Specific Target Organ Toxicity - Single Exposure 3, H336	
RTECS: AF 7350000		
CAS: 78-93-3	butanone	10-<15%
EINECS: 201-159-0	⚠ Flammable Liquids 2, H225	
Index number: 606-002-00-3	⚠ Eye Irritation 2A, H319; Specific Target Organ Toxicity - Single Exposure 3, H336	
RTECS: EL 6475000		
CAS: 84540-57-8	methoxypropyl acetate	5-<10%
EINECS: 283-152-2	⚠ Flammable Liquids 3, H226	
	DISPERBYK 103	1-<5%
	⚠ Eye Irritation 2A, H319	

4 First-aid measures

4.1 Description of first aid measures

- General information: Immediately remove any clothing soiled by the product.
- After inhalation: 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. If symptoms persist, consult a doctor.
- After swallowing: If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire-fighting measures

5.1 Extinguishing media

· Suitable extinguishing agents:

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

· **5.2 Special hazards arising from the substance or mixture** No further relevant information available.

5.3 Advice for firefighters

Firefighters should always protective equipment and breathing apparatus when handling fire coming from these products

· Protective equipment: No special measures required.

· Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.

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6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Dilute with plenty of water.

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

6.3 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.

6.4 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:

1330-20-7 xylene: 130 ppm

123-86-4 n-butyl acetate: 5 ppm

78-93-3 butanone: 200 ppm

112945-52-5 Silica dioxide: 18 mg/m³

77-58-7 dibutyltin dilaurate: 1.1 mg/m³

PAC-2:

1330-20-7 xylene: 920* ppm

123-86-4 n-butyl acetate: 200 ppm

78-93-3 butanone: 2700* ppm

112945-52-5 Silica dioxide: 100 mg/m³

77-58-7 dibutyltin dilaurate: 8 mg/m³

PAC-3:

1330-20-7 xylene: 2500* ppm

123-86-4 n-butyl acetate: 3000* ppm

78-93-3 butanone: 4000* ppm

112945-52-5 Silica dioxide: 630 mg/m³

77-58-7 dibutyltin dilaurate: 48 mg/m³

7 Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: Store in a cool location.

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

Further information about storage conditions:

Keep receptacle tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

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· **7.3 Specific end use(s)** No further relevant information available.

* **8 Exposure controls/personal protection**

· **8.1 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.

1330-20-7 xylene

PEL Long-term value: 435 mg/m³, 100 ppm

REL Short-term value: 655 mg/m³, 150 ppm
Long-term value: 435 mg/m³, 100 ppm

TLV Long-term value: 20 ppm
BEI, A4

123-86-4 n-butyl acetate

PEL Long-term value: 710 mg/m³, 150 ppm

REL Short-term value: 950 mg/m³, 200 ppm
Long-term value: 710 mg/m³, 150 ppm

TLV Short-term value: 150 ppm
Long-term value: 50 ppm

78-93-3 butanone

PEL Long-term value: 590 mg/m³, 200 ppm

REL Short-term value: 885 mg/m³, 300 ppm
Long-term value: 590 mg/m³, 200 ppm

TLV Short-term value: 300 ppm
Long-term value: 200 ppm
BEI

· Regulatory information

PEL: Guide to Occupational Exposure Values (OSHA PELs)

REL: Guide to Occupational Exposure Values (NIOSH RELs)

TLV: Guide to Occupational Exposure Values (TLV)

· **Ingredients with biological limit values:**

1330-20-7 xylene

BEI 1.5 g/g creatinine

Medium: urine

Time: end of shift

Parameter: Methylhippuric acids

78-93-3 butanone

BEI 2 mg/L

Medium: urine

Time: end of shift

Parameter: Methyl ethyl ketone (nonspecific)

· Additional information: The lists that were valid during the creation were used as basis.

· **8.2 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.

Avoid contact with the eyes and skin.

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- Breathing equipment:
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- 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.
- For the permanent contact gloves made of the following materials are suitable: Fluorocarbon rubber (Viton)
- For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:
Rubber gloves
- Eye protection:



Tightly sealed goggles

- Body protection: Protective work clothing

9 Physical and chemical properties

9.1 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-soluble (in water).

· Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: 79-80.5 °C (174.2-176.9 °F)

· Flash point: < 0 °C (< 32 °F)

· Flammability (solid, gaseous): Highly flammable.

· Auto igniting: 333 °C (631.4 °F)

· Decomposition temperature: Not determined.

· Ignition temperature: Product is not selfigniting.

· Danger of explosion: Risk of explosion by shock, friction, fire or other sources of ignition.

· Explosion limits:

Lower: 1.1 Vol %

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Upper:	11.5 Vol %
· Vapor pressure at 20 °C (68 °F):	105 hPa (78.8 mm Hg)
· Density at 20 °C (68 °F):	0.989 g/cm ³ (8.25321 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:	Not determined.
· Solvent content:	
Organic solvents:	51.5 %
VOC content:	51.55 %
	509.8 g/l / 4.25 lb/gal
Solids content:	34.7 %
· 9.2 Other information	No further relevant information available.

10 Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.
- **LD/LC50 values that are relevant for classification:**

ATE (Acute Toxicity Estimate)

Dermal LD50 7,105 mg/kg

Inhalative LC50/4 h 39.1 mg/l

1330-20-7 xylene

Oral LD50 4,300 mg/kg (rat)

Dermal LD50 2,000 mg/kg (rabbit)

Inhalative LC50/4 h 11 mg/l (ATE)

123-86-4 n-butyl acetate

Oral LD50 13,100 mg/kg (rat)

Dermal LD50 >5,000 mg/kg (rabbit)

Inhalative LC50/4 h >21 mg/l (rat)

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78-93-3 butanone

Oral LD50 3,300 mg/kg (rat)
Dermal LD50 5,000 mg/kg (rabbit)

84540-57-8 methoxypropyl acetate

Oral LD50 8,532 mg/kg (rat)
Dermal LD50 5,000 mg/kg (rab)

· **Primary irritant effect:**

· on the skin:

Causes skin irritation.

· on the eye:

Causes serious eye irritation.

· **Sensitization:** Based on available data, the classification criteria are not met.

· **Additional toxicological information:**

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)

9003-55-8 resin: 3

1330-20-7 xylene: 3

· NTP (National Toxicology Program)

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

· **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

· **Carcinogenicity** Based on available data, the classification criteria are not met.

· **Reproductive toxicity** Based on available data, the classification criteria are not met.

· **Specific target organ toxicity - single exposure**

May cause drowsiness or dizziness.

· **Specific target organ toxicity - repeated exposure** Based on available data, the classification criteria are not met.

· **Aspiration hazard** Based on available data, the classification criteria are not met.

12 Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:** No further relevant information available.

· **12.2 Persistence and degradability** No further relevant information available.

· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

Water hazard class 2 (Self-assessment): hazardous for water

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

Danger to drinking water if even small quantities leak into the ground.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** This product contains no substance that is considered to be persistent, bioaccumulating or non toxic (PBT).

· **vPvB:** This mixture contains no substance that is considered to be very persistent or very bioaccumulating (vPvB).

· **12.6 Other adverse effects** No further relevant information available.

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13 Disposal considerations

13.1 Waste treatment methods

- Recommendation:
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- Uncleaned packagings:
· Recommendation: Disposal must be made according to official regulations.
- Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

14.1 UN-Number

· DOT, ADR, IMDG, IATA UN1263

14.2 UN proper shipping name

· DOT Paint
· ADR UN1263 PAINT, special provision 640D
· IMDG, IATA PAINT

14.3 Transport hazard class(es)

· DOT



· Class 3 Flammable liquids
· Label 3
· ADR



· Class 3 (F1) Flammable liquids
· Label 3
· IMDG, IATA



· Class 3 Flammable liquids
· Label 3

14.4 Packing group

· DOT, ADR, IMDG, IATA II

14.5 Environmental hazards:

· Marine pollutant: No

14.6 Special precautions for user

Warning: Flammable liquids

· Hazard identification number (Kemler code): 33

· EMS Number: F-E,S-E

· Stowage Category B

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

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· Transport/Additional information:

· ADR

· Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

· IMDG

· Limited quantities (LQ)

· Excepted quantities (EQ)

5L

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

· UN "Model Regulation":

UN 1263 PAINT, 3, II

15 Regulatory information

·3YE

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

None of the ingredients is listed.

· Sara

· Section 355 (extremely hazardous substances):

None of the ingredient is listed.

· Section 313 (Specific toxic chemical listings):

1330-20-7 xylene

· TSCA (Toxic Substances Control Act):

9003-55-8 resin: ACTIVE

1330-20-7 xylene: ACTIVE

123-86-4 n-butyl acetate: ACTIVE

78-93-3 butanone: ACTIVE

104810-47-1 mix of: a-3-(3-(2H-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionyl-o-hydroxypoly(oxyethylene);a-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-o-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene): ACTIVE

68937-54-2 Siloxanes and silicones, di-Me, 3-hydroxypropyl-Me, ethoxylated: ACTIVE

41556-26-7 bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate: ACTIVE

77-58-7 dibutyltin dilaurate: ACTIVE

82919-37-7 methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate: ACTIVE

· Hazardous Air Pollutants

1330-20-7 xylene

· Proposition 65

· Chemicals known to cause cancer:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

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- Cancerogenity categories
- EPA (Environmental Protection Agency)

1330-20-7 xylene: I

78-93-3 butanone: I

- TLV (Threshold Limit Value)

1330-20-7 xylene: A4

77-58-7 dibutyltin dilaurate: A4

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

None of the ingredients is listed.

- Labelling according to Regulation (EC) No 1272/2008

The product is classified and labeled according to the CLP regulation.

- Hazard pictograms



GHS02 GHS07

- Signal word Danger

- Hazard-determining components of labeling:

n-butyl acetate

butanone

- Hazard statements

H225 Highly flammable liquid and vapor.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

- Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray

P264 Wash thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a poison center/doctor if you feel unwell.

P321 Specific treatment (see on this label).

P362+P364 Take off contaminated clothing and wash it before reuse.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P370+P378 In case of fire: Use CO2, powder or water spray to extinguish.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

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

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

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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.

- Relevant phrases
 - H225 Highly flammable liquid and vapor.
 - H226 Flammable liquid and vapor.
 - H312 Harmful in contact with skin.
 - H315 Causes skin irritation.
 - H319 Causes serious eye irritation.
 - H332 Harmful if inhaled.
 - H336 May cause drowsiness or dizziness.
- Department issuing SDS: Department of Quality Control
- Contact:
 - H.B BODY S.A
 - Ms Olympia Stamkou
 - Ph: +30 2310 790 032
 - fax: +30 2310 790 033
- Date of preparation / last revision 03/17/2023
- * Data compared to the previous version altered.

US