

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**Trade name: **700 PAINT REMOVER**

Article number: 338

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

Sector of Use

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category PC9a Coatings and paints, thinners, paint removers

Process category PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities

Environmental release category ERC2 Formulation into mixture

Article category AC1 Vehicles

Application of the substance / the mixture

Paint remover

Surface protection

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

HB 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

www.hbbody.com

email: hbbody@hbbody.com

Further information obtainable from:

HB BODY S.A.

B' ENTRANCE BLOCK 50 DA9 & MB6 Str

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Ph: +30 2310 790 000

Fax: +30 2310 790 033

www.hbbody.com

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1.4 Emergency telephone number:

Regional Medicines and Poisons Information Centre NI

Pharmacy Department, Royal Hospital Suite

Grosvenor Road Belfast

Telephone: +44 28 90 63 2032

Fax: +44 28 90 24 80 30

Emergency telephone: 844 892 0111

E-mail address: nirdic.nirdic@belfasttrust.hscni.net

Trade name: 700 PAINT REMOVER**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008



flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



health hazard

Carc. 2 H351 Suspected of causing cancer.

STOT SE 2 H371 May cause damage to the central nervous system and the visual organs.



Acute Tox. 4 H302 Harmful if swallowed.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

Hazard pictograms



GHS02 GHS07 GHS08

Signal word Danger

Hazard-determining components of labelling:

dichloromethane

methanol

4-methylpentan-2-one

Hazard statements

H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.

H351 Suspected of causing cancer.

H371 May cause damage to the central nervous system and the visual organs.

Precautionary statements

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

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

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P405 Store locked up.

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

2.3 Other hazards

Results of PBT and vPvB assessment












PBT: Not applicable.

vPvB: Not applicable.

Trade name: 700 PAINT REMOVER**SECTION 3: Composition/information on ingredients****3.2 Chemical characterisation: Mixtures**

Description: Mixture of hazardous substances listed below with nonhazardous additions.

Dangerous components:

CAS: 75-09-2	dichloromethane	80-<90%
EINECS: 200-838-9	 Carc. 2, H351	
Index number: 602-004-00-3	 Acute Tox. 4, H302	
RTECS: PA 8050000		
CAS: 67-56-1	methanol	5-<10%
EINECS: 200-659-6	 Flam. Liq. 2, H225	
Index number: 603-001-00-X	 Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331	
RTECS: PC 1400000	 STOT SE 1, H370	
Reg.nr.: 01-2119433307-44-0006		
01-2119433307-44-0007		
01-2119433307-44-0008		
01-2119433307-44-0015		
01-2119433307-44-0016		
CAS: 108-10-1	4-methylpentan-2-one	1-<5%
EINECS: 203-550-1	 Flam. Liq. 2, H225	
Index number: 606-004-00-4	 Carc. 2, H351	
RTECS: SA 9275000	 Acute Tox. 4, H332; Eye Irrit. 2, H319; STOT SE 3, H336	
Reg.nr.: 01-2119473980-30-0002		
CAS: 108-88-3	toluene	≥1-<3%
EINECS: 203-625-9	 Flam. Liq. 2, H225	
Index number: 601-021-00-3	 Repr. 2, H361d; STOT RE 2, H373; Asp. Tox. 1, H304	
RTECS: XS 5250000	 Skin Irrit. 2, H315; STOT SE 3, H336	
Reg.nr.: 01-2119471310-51-0000		
01-2119471310-51-0003		
01-2119471310-51-0005		
01-2119471310-51-0002		
01-2119471310-51-0027		
CAS: 8002-74-2	Paraffin waxes and Hydrocarbon waxes	1-<5%
EINECS: 232-315-6	substance with a Community workplace exposure limit	
RTECS: RV 0350000		

Additional information: For the wording of the listed hazard phrases refer to section 16.

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

General information: Immediately remove any clothing soiled by the product.

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Immediately rinse with water.

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

After swallowing: Call for a doctor immediately.

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.

Trade name: 700 PAINT REMOVER**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents:**

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

5.2 Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

5.3 Advice for firefighters

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

5.6 Fire and explosion Hazards**Speial protective equipment and fire fighting procedures:**

Mouth respiratory protective device.

Firefighters should wear full protective flameproof clothing and self contained breathing apparatus for the firefighter if necessary. In the event of any fire try cool down the tanks with water spray. If possible do not allow the water used by firefighters to enter the drains or come in any contact with the water supply lines for the public. Always seek as appropriate.

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

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

Mount respiratory protective device.

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.

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

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

Information about fire - and explosion protection:

Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

7.2 Conditions for safe storage, including any incompatibilities**Storage:****Requirements to be met by storerooms and receptacles:**

Observe label precautions. Store between 5 and 25 degrees Celcius in a dry, well ventilated place away from sources of heat, ignition and

direct sunlight. No smoking. Prevent access from unauthorised personell. Containers which are opened must be carefully resealed and kept

upright to prevent leakage. The storage and use of this product is subject to the requirements of the Dangerous

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Substances and Explosive Atmospheres Regulations (DSEAR). Up to 250 litres of such flammable liquids may be stored in a work area provided they are kept in a fire-proof cupboard or bin. Larger quantities must be kept in a separate storeroom conforming to the structural requirements of the regulations. Further guidance is contained in the HSE ACOP L135, "Storage of Dangerous Substances." UK.

Store in a cool location.

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

· Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

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

SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

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

75-09-2 dichloromethane

WEL Short-term value: 706 mg/m³, 200 ppm

Long-term value: 353 mg/m³, 100 ppm

BMGV, Sk

67-56-1 methanol

WEL Short-term value: 333 mg/m³, 250 ppm

Long-term value: 266 mg/m³, 200 ppm

Sk

108-10-1 4-methylpentan-2-one

WEL Short-term value: 416 mg/m³, 100 ppm

Long-term value: 208 mg/m³, 50 ppm

Sk, BMGV

108-88-3 toluene

WEL Short-term value: 384 mg/m³, 100 ppm

Long-term value: 191 mg/m³, 50 ppm

Sk

8002-74-2 Paraffin waxes and Hydrocarbon waxes

WEL Short-term value: 6 mg/m³

Long-term value: 2 mg/m³

· Regulatory information WEL: EH40/2020

· Ingredients with biological limit values:

75-09-2 dichloromethane

BMGV 30 ppm

Medium: end-tidal breath

Sampling time: post shift

Parameter: carbon monoxide

108-10-1 4-methylpentan-2-one

BMGV 20 µmol/L

Medium: urine

Sampling time: post shift

Parameter: 4-methylpentan-2-one

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

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Trade name: 700 PAINT REMOVER**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.
Store protective clothing separately.
- Respiratory protection:
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- 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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:
The breakthrough time of gloves is unknown for this product itself. The glove material that can be used is recommended on the basis of the different substances in the preparation.
- 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

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

General Information

Appearance:

Form: Fluid
Colour: According to product specification

- Odour: Characteristic
- Odour threshold: Not determined.
- pH-value: Not determined.

Change in condition

Melting point/freezing point: Undetermined.

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Trade name: 700 PAINT REMOVER

- Initial boiling point and boiling range: 40 °C (75-09-2 dichloromethane)
- Flash point: < 23 °C
- Flammability (solid, gas): Highly flammable.
- Autoignition temperature: 455 °C
- Decomposition temperature: Not determined.
- Ignition temperature: Product is not selfigniting.
- Explosive properties: Risk of explosion by shock, friction, fire or other sources of ignition.
- Explosion limits:
 - Lower: 13 Vol %
 - Upper: 22 Vol %
- Vapour pressure at 20 °C: 453 hPa
- Density at 20 °C: 1.16 g/cm³
- Relative density: Not determined.
- Vapour 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: 97.4 %
 - VOC (EC) 1,130.3 g/l
 - Solids content (volume): 2.0 %
- **9.2 Other information** No further relevant information available.

SECTION 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.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
 - Acute toxicity
Harmful if swallowed.
 - LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

Oral LD50 1,931 mg/kg (rat)

Inhalative LC50/4 h 29.7-31.3 mg/l

Trade name: 700 PAINT REMOVER**75-09-2 dichloromethane**

Oral LD50 1,600 mg/kg (rat)

Inhalative LC50/4 h 88 mg/l (rat)

67-56-1 methanol

Oral LD50 5,628 mg/kg (rat)

Dermal LD50 15,800 mg/kg (rabbit)

Inhalative LC50/4 h 3 mg/l (ATE)

108-10-1 4-methylpentan-2-one

Oral LD50 2,080 mg/kg (rat)

Dermal LD50 16,000 mg/kg (rab)

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

8.3-16.6 mg/l (rat)

108-88-3 toluene

Oral LD50 5,000 mg/kg (rat)

Dermal LD50 12,124 mg/kg (rabbit)

Inhalative LC50/4 h 5,320 mg/l (mouse)

· Primary irritant effect:

· Skin corrosion/irritation Based on available data, the classification criteria are not met.

· Serious eye damage/irritation Based on available data, the classification criteria are not met.

· Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

· Additional toxicological information:

· CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

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

· Carcinogenicity

Suspected of causing cancer.

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

· STOT-single exposure

May cause damage to the central nervous system and the visual organs.

· STOT-repeated exposure Based on available data, the classification criteria are not met.

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

SECTION 12: Ecological information**12.1 Toxicity**

· Aquatic toxicity:

This product is not toxic for the aquatic life. Nevertheless do not dispose the product or any cleaning solvents used along with this product into the sea

12.2 Persistence and degradability

This product contains polyesteric molecules and organic solvents and is not known to be bioaccumulative. It can be considered as biodegradable in small quantities. In case of disposal, it should be treated as a hazardous material and should be disposed accordingly. Do not just throw it away

· **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 (German Regulation) (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.

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Trade name: 700 PAINT REMOVER**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.

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

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

SECTION 14: Transport information**14.1 UN-Number**

- ADR, IMDG, IATA UN1263

14.2 UN proper shipping name

- ADR UN1263 PAINT RELATED MATERIAL, special provision 640D
- IMDG, IATA PAINT RELATED MATERIAL

14.3 Transport hazard class(es)

- ADR



- Class 3 (F1) Flammable liquids.
- Label 3
- IMDG, IATA



- Class 3 Flammable liquids.
- Label 3

14.4 Packing group

- ADR, IMDG, IATA II

14.5 Environmental hazards:

- Marine pollutant: No

14.6 Special precautions for user

- 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 Marpol and the IBC Code

Not applicable.

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Trade name: 700 PAINT REMOVER

· Transport/Additional information:

- ADR
- Limited quantities (LQ) 5L
- Excepted quantities (EQ) Code: E2
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 500 ml
- Transport category 2
- Tunnel restriction code D/E
- IMDG
- Limited quantities (LQ) 5L
- Excepted quantities (EQ) Code: E2
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 500 ml
- UN "Model Regulation": UN 1263 PAINT RELATED MATERIAL, 3, II

SECTION 15: Regulatory information

·3YE

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

None of the ingredients is listed.

- Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the GB CLP regulation.
- Hazard pictograms



GHS02 GHS07 GHS08

- Signal word Danger
- Hazard-determining components of labelling:
dichloromethane
methanol
4-methylpentan-2-one
- Hazard statements
H225 Highly flammable liquid and vapour.
H302 Harmful if swallowed.
H351 Suspected of causing cancer.
H371 May cause damage to the central nervous system and the visual organs.
- Precautionary statements
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P241 Use explosion-proof [electrical/ventilating/lighting] equipment.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- Seveso category P5c FLAMMABLE LIQUIDS
- Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t

Trade name: 700 PAINT REMOVER

- Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

SECTION 16: Other information

This information is based on our current 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 vapour.
 - H301 Toxic if swallowed.
 - H302 Harmful if swallowed.
 - H304 May be fatal if swallowed and enters airways.
 - H311 Toxic in contact with skin.
 - H315 Causes skin irritation.
 - H319 Causes serious eye irritation.
 - H331 Toxic if inhaled.
 - H332 Harmful if inhaled.
 - H336 May cause drowsiness or dizziness.
 - H351 Suspected of causing cancer.
 - H361d Suspected of damaging the unborn child.
 - H370 Causes damage to organs.
 - H373 May cause damage to organs through prolonged or repeated exposure.
- Department issuing SDS: Department of Quality Control
- Contact:
 - HB BODY S.A
 - Ms Olympia Stamkou
 - Ph: +30 2310 790 032
 - fax: +30 2310 790 033
 - email: stamkou@hbbody.com
- * Data compared to the previous version altered.

Trade name: 700 PAINT REMOVER**Annex: Exposure scenario****Short title of the exposure scenario****Sector of Use**

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category PC9a Coatings and paints, thinners, paint removers**Process category PROC8a** Transfer of substance or mixture (charging and discharging) at non-dedicated facilities**Article category AC1** Vehicles**Environmental release category ERC2** Formulation into mixture**Description of the activities / processes covered in the Exposure Scenario**

See section 1 of the annex to the Safety Data Sheet.

Conditions of use According to directions for use.**Duration and frequency** Frequency of use:**Physical parameters**

The data on the physical - chemical properties in the Exposure Scenario is based on the properties of the preparation.

Physical state Fluid**Concentration of the substance in the mixture** The substance is main component.**Used amount per time or activity** Smaller than 100 g per application.**Other operational conditions****Other operational conditions affecting environmental exposure** No special measures required.**Other operational conditions affecting worker exposure**

Avoid contact with the skin.

Do not breathe gas/vapour/aerosol.

Take precautionary measures against static discharge.

Keep away from sources of ignition - No smoking.

Avoid contact with eyes.

Other operational conditions affecting consumer exposure No special measures required.**Other operational conditions affecting consumer exposure during the use of the product** Not applicable.**Risk management measures****Worker protection****Organisational protective measures**

Ensure good ventilation. This can be achieved by using a local exhaustion or general exhaust system. If these measures are insufficient to keep the solvent vapour concentration below the workplace limit, wear an adequate respiratory protective device.

Technical protective measures

Provide explosion-proof electrical equipment.

Ensure that suitable extractors are available on processing machines

Personal protective measures

Do not inhale gases / fumes / aerosols.

Avoid contact with the skin.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

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

Pregnant women should strictly avoid inhalation or skin contact.

Avoid contact with the eyes.

Tightly sealed goggles

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- **Measures for consumer protection**
Ensure adequate labelling.
Observe consumer information and advice on safe use.
- **Environmental protection measures**
- **Water**
Do not allow to reach sewage system. Dispose of this product and its container at hazardous or special waste collection point.
- **Soil** The product is only processed over the concrete collecting basin.
- **Disposal measures** Ensure that waste is collected and contained.
- **Disposal procedures**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Waste type** Partially emptied and uncleaned packaging
- **Exposure estimation**
- **Consumer**
This product is to be used by professional technicians only.
Not relevant for this Exposure Scenario.
- **Guidance for downstream users**
Whether the downstream user acts within the scope of the Exposure Scenario can be verified based on the information in sections 1 to 8.