



Auto Refinishing Products

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Version no. 1

Safety Data Sheet  
according to WHS Regulations

Hazardous according to criteria of Australian Safety and Compensation Council.

## 1 Identification

· Product identifier

· **Trade name:** BODY 705 HARDENER PASTE

· **Article number:** 900

· **Relevant identified uses of the substance or mixture and uses advised against**

· **Life cycle stages** F Formulation or re-packing

· **Sector of Use**

SU9 Manufacture of fine chemicals

SU12 Manufacture of plastics products, including compounding and conversion

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

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

· **Product category**

PC7 Base metals and alloys

PC9b Fillers, putties, plasters, modelling clay

· **Process category**

PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities

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

· **Environmental release category** ERC2 Formulation into mixture

· **Article category** AC1 Vehicles

· **Technical function** Catalyst

· **Application of the substance / the mixture** Surface protection

· 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

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**Trade name: BODY 705 HARDENER PASTE**

· **Further information obtainable from:**

Sydney Automotive Paints & Equipment PTY LTD  
 Unit A3, 366 Edgar St. Condell Park NSW 2200  
 AUSTRALIA, Tel. +02 9772 9000 , +02 9772 9001

· **Emergency telephone number:**

If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 131 126, New Zeland 0800 764 766.

\* **2 Hazard(s) Identification**

· **Classification of the substance or mixture**



exploding bomb

Unst. Expl. H200 Unstable explosive.



Eye Irritation 2A H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

· **Label elements**

· **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).

· **Hazard pictograms**



GHS01



GHS07

· **Signal word** Danger

· **Hazard-determining components of labelling:**

dibenzoyl peroxide

· **Hazard statements**

H200 Unstable explosive.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

· **Precautionary statements**

P250 Do not subject to grinding/shock/friction.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

P373 DO NOT fight fire when fire reaches explosives.

P380 Evacuate area.

P401 Store in accordance with local/regional/national/international regulations.

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





· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

**Trade name: BODY 705 HARDENER PASTE****3 Composition and Information on Ingredients****Chemical characterisation: Mixtures****Description:** Mixture of hazardous substances listed below with nonhazardous additions.**Dangerous components:**

CAS: 94-36-0	dibenzoyl peroxide	50-<60%
EINECS: 202-327-6	  Self-react. B, H241; Org. Perox. B, H241	
Index number: 617-008-00-0	 Eye Irritation 2A, H319; Skin Sens. 1, H317	
RTECS: DM 8575000		
CAS: 107-21-1	ethanediol	5-<10%
EINECS: 203-473-3	 Acute Tox. 4, H302	
Index number: 603-027-00-1		
RTECS: KW 2975000		

**Additional information:** For the wording of the listed hazard phrases refer to section 16.**4 First Aid Measures****Description of first aid measures****General information:**

Immediately remove any clothing soiled by the product.

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

**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:**

If skin irritation continues, consult a doctor.

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. Remove contact lenses in case of eye contamination and irrigate copiously with clean water for at least 15 minutes trying to hold the eye lids open.

**After swallowing:** If symptoms persist consult doctor.**Information for doctor:****Most important symptoms and effects, both acute and delayed** No further relevant information available.**Indication of any immediate medical attention and special treatment needed** No further relevant information available.**5 Fire Fighting Measures****Extinguishing media****Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.**Special hazards arising from the substance or mixture** No further relevant information available.**Hazardous decomposition products**

In case of fire it is possible that the following substances are released:

Carbonic Anhydride

Carbon Monoxide

Benzene

Bophenyl

Phenyl Benzoate

Under certain conditions the presence of other toxic substances cannot be excluded

**Advice for firefighters**

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

**Special protective equipment and fire fighting procedures:** No special measures required.

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## Trade name: **BODY 705 HARDENER PASTE**

### · Additional information

- Cool endangered receptacles with water spray.
- Collect contaminated fire fighting water separately. It must not enter the sewage system.

## 6 Accidental Release Measures

- Personal precautions, protective equipment and emergency procedures Remove persons from danger area.
- Environmental precautions:  
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 item 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.

## 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.
- **Information about fire - and explosion protection:**  
Keep ignition sources away - Do not smoke.  
Prevent impact and friction.  
Keep respiratory protective device available.
- Conditions for safe storage, including any incompatibilities
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep container tightly sealed.  
Protect from heat and direct sunlight.
- Specific end use(s) No further relevant information available.

## 8 Exposure controls and personal protection

- Additional information about design of technical facilities: No further data; see item 7.
  - Control parameters
  - **Ingredients with limit values that require monitoring at the workplace:**
- 
- 107-21-1 ethanediol  
 WES Short-term value: 104\*\* mg/m<sup>3</sup>, 40\*\* ppm  
 Long-term value: 10\* 52\*\* mg/m<sup>3</sup>, 20\*\* ppm  
 Sk;\*particulate;\*\*vapour
- **Additional information:** The lists valid during the making were used as basis.

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**Trade name: BODY 705 HARDENER PASTE**· **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.
- Avoid contact with the eyes.
- Avoid contact with the eyes and skin.

· **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 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**· **Information on basic physical and chemical properties**· **General Information**· **Appearance:**

**Form:** Pasty  
**Colour:** According to product specification

· **Odour:** Characteristic

· **Odour threshold:** Not determined.

· **pH-value:** Not determined.

· **Change in condition**

**Melting point/freezing point:** Undetermined.

**Initial boiling point and boiling range:** 197 °C

**Trade name: BODY 705 HARDENER PASTE**

· <b>Flash point:</b>	Not applicable.
· <b>Flammability (solid, gas):</b>	Not applicable.
· <b>Autoignition temperature:</b>	555 °C
· <b>Decomposition temperature:</b>	Not determined.
· <b>Auto-ignition temperature:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Risk of explosion by shock, friction, fire or other sources of ignition.
· <b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
· <b>Vapour pressure at 20 °C:</b>	1 hPa
· <b>Density at 20 °C:</b>	1.2528 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with water:</b>	Fully miscible.
· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
· <b>Solvent content:</b>	
<b>VOC (EC)</b>	X 0.0 g/l
<b>Solids content (volume):</b>	50.0 %
· <b>Other information</b>	No further relevant information available.

**10 Stability and Reactivity**

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

**11 Toxicological Information**

- **Information on toxicological effects**
- **Acute toxicity**
- **LD/LC50 values relevant for classification:**

131-11-3 dimethyl phthalate  
Oral LD50 6,800 mg/kg (rat)

**Trade name: BODY 705 HARDENER PASTE**

Dermal LD50 &gt;10 mg/kg (rabbit)

107-21-1 ethanediol

Oral LD50 5,840 mg/kg (rat)

Dermal LD50 9,530 mg/kg (rabbit)

· **Primary irritant effect:**· **Skin corrosion/irritation** No irritant effect.· **Serious eye damage/irritation** Irritating effect.· **Respiratory or skin sensitisation**

Sensitisation possible through skin contact.

Sensitising effect through inhalation is possible by prolonged exposure.

· **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

**12 Ecological Information**· 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

· 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

· Behaviour in environmental systems:· **Bioaccumulative potential** No further relevant information available.· **Mobility in soil** No further relevant information available.· Additional ecological information:· **General notes:**

Water hazard class 1 (German Regulation) (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.

· 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).· Other adverse effects No further relevant information available.**13 Disposal considerations**· 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.**14 Transport information**· UN-Number· **ADG, IMDG, IATA**

UN2810

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Trade name: **BODY 705 HARDENER PASTE**

· UN proper shipping name

· **ADG**

UN2810 TOXIC LIQUID, ORGANIC, N.O.S. (dimethyl phthalate), ENVIRONMENTALLY HAZARDOUS

· **IMDG**

TOXIC LIQUID, ORGANIC, N.O.S. (dimethyl phthalate, dibenzoyl peroxide), MARINE POLLUTANT

· **IATA**

TOXIC LIQUID, ORGANIC, N.O.S. (dimethyl phthalate)

· Transport hazard class(es)

· **ADG**



· **Class**

6.1 (T1) Toxic substances.

· **Label**

6.1

· **IMDG**



· **Class**

6.1 Toxic substances.

· **Label**

6.1

· **IATA**



· **Class**

6.1 Toxic substances.

· **Label**

6.1

· Packing group

· **ADG, IMDG, IATA**

II

· Environmental hazards:

Product contains environmentally hazardous substances: dibenzoyl peroxide

· **Marine pollutant:**

No

Symbol (fish and tree)

· **Special marking (ADG):**

Symbol (fish and tree)

· Special precautions for user

Warning: Toxic substances.

· **Hazard identification number (Kemler code):**

60

· **EMS Number:**

F-A,S-A

· **Stowage Category**

B

· **Stowage Code**

SW2 Clear of living quarters.

· Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

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Trade name: **BODY 705 HARDENER PASTE**

· Transport/Additional information:

· **ADG**

· **Limited quantities (LQ)**

100 ml

· **Excepted quantities (EQ)**

Code: E4

Maximum net quantity per inner packaging: 1 ml

Maximum net quantity per outer packaging: 500 ml

· **Transport category**

2

· **Tunnel restriction code**

D/E

· **IMDG**

· **Limited quantities (LQ)**

100 ml

· **Excepted quantities (EQ)**

Code: E4

Maximum net quantity per inner packaging: 1 ml

Maximum net quantity per outer packaging: 500 ml

· UN "Model Regulation":

UN 2810 TOXIC LIQUID, ORGANIC, N.O.S. (DIMETHYL PHTHALATE), 6.1, II, ENVIRONMENTALLY HAZARDOUS

\* **15 Regulatory information**

2X

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

None of the ingredients is listed.

· Australian Inventory of Industrial Chemicals

All ingredients are listed.

· Standard for the Uniform Scheduling of Medicines and Poisons

94-36-0 dibenzoyl peroxide: S2, S4, S5

131-11-3 dimethyl phthalate: S10

107-21-1 ethanediol: S5, S6, S10

· **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).

· **Hazard pictograms**



GHS01



GHS07

· **Signal word** Danger

· **Hazard-determining components of labelling:**

dibenzoyl peroxide

· **Hazard statements**

H200 Unstable explosive.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

· **Precautionary statements**

P250 Do not subject to grinding/shock/friction.

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

P373 DO NOT fight fire when fire reaches explosives.

P380 Evacuate area.

P401 Store in accordance with local/regional/national/international regulations.

**Trade name: BODY 705 HARDENER PASTE**

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**  
P1a EXPLOSIVES  
E1 Hazardous to the Aquatic Environment
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 10 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50 t
- **Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

**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**  
H241 Heating may cause a fire or explosion.  
H302 Harmful if swallowed.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.
- **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
- **Abbreviations and acronyms:**  
ICAO: International Civil Aviation Organisation  
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
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)  
VOC: Volatile Organic Compounds (USA, EU)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Unst. Expl.: Explosives – Unstable explosive  
Self-react. B: Self-reactive substances and mixtures – Type B  
Org. Perox. B: Organic peroxides – Type B  
Acute Tox. 4: Acute toxicity – Category 4  
Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A  
Skin Sens. 1: Skin sensitisation – Category 1
- **\* Data compared to the previous version altered.**

**Trade name: BODY 705 HARDENER PASTE****Annex: Exposure scenario****· Short title of the exposure scenario****· Sector of Use**

SU9 Manufacture of fine chemicals

SU12 Manufacture of plastics products, including compounding and conversion

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

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

**· Product category**

PC7 Base metals and alloys

PC9b Fillers, putties, plasters, modelling clay

**· Process category**

PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities

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

**· Article category** AC1 Vehicles**· Environmental release category** ERC2 Formulation into mixture**· Technical function** Catalyst**· 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**

5 workdays/week.

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 0.5 kg per application.**· Other operational conditions****· Other operational conditions affecting environmental exposure**

No special measures required.

Use only on hard ground.

**· Other operational conditions affecting worker exposure**

Avoid contact with eyes.

Avoid contact with the skin.

Avoid long-term or repeated skin contact.

Keep away from combustible material.

Take precautionary measures against static discharge.

Keep away from sources of ignition - No smoking.

**· 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**

No special measures required.

Ensure good ventilation. This can be achieved by using a local exhaust 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**

Ensure that suitable extractors are available on processing machines

Provide explosion-proof electrical equipment.

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**Trade name: BODY 705 HARDENER PASTE**

Use product only in enclosed systems.

**· Personal protective measures**

Do not inhale gases / fumes / aerosols.

Avoid contact with the skin.

Avoid contact with the eyes.

Tightly sealed goggles

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

**· Measures for consumer protection**

Ensure adequate labelling.

Observe consumer information and advice on safe use.

**· Environmental protection measures****· Water**

No special measures required.

Do not allow to reach sewage system. Dispose of this product and its container at hazardous or special waste collection point.

Do not allow to reach sewage system.

**· Soil**

The product is only processed over the concrete collecting basin.

Prevent contamination of soil.

**· Disposal measures**

Disposal must be made according to official regulations.

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**

Not relevant for this Exposure Scenario.

This product is to be used by professional technicians only.

**· 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.