

SAFETY DATA SHEET

HS PREMIUM HARDER

Page: 1

Compilation date: 16-05-2017

Revision No: 1

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

1.1. Product identifier

Product name: HS PREMIUM HARDER

Product code: 5805 / 5811

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

1.3. Details of the supplier of the safety data sheet

Company name: ProPart International B.V.

Molenakker 3

Reuver

5953 TW

The Netherlands

Tel: +31 (0) 77 476 2368

Fax: +31 (0) 77 476 2424

Email: info@propart-international.com

1.4. Emergency telephone number

Emergency tel: +31 (0) 77 476 2368 (08.30-17.00)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 3: H412; STOT SE 3: H336; Flam. Liq. 3: H226; Acute Tox. 4: H332; -: EUH204

Most important adverse effects: Flammable liquid and vapour. Causes skin irritation. May cause an allergic skin reaction. Harmful if inhaled. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects. Contains isocyanates. May produce an allergic reaction.

2.2. Label elements

Label elements:

Hazard statements: H226: Flammable liquid and vapour.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H332: Harmful if inhaled.

H336: May cause drowsiness or dizziness.

H412: Harmful to aquatic life with long lasting effects.

EUH204: Contains isocyanates. May produce an allergic reaction.

Hazard pictograms: GHS07: Exclamation mark

GHS02: Flame

SAFETY DATA SHEET

HS PREMIUM HARDER

Page: 2



Signal words: Warning

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

P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.

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

P312: Call a POISON CENTER/doctor if you feel unwell.

P363: Wash contaminated clothing before reuse.

P403+233: Store in a well-ventilated place. Keep container tightly closed.

P501: Dispose of contents/container to an approved waste disposal according to local/regional/national/international regulations.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

POLY(HEXAMETHYLENE DIISOCYANATE)

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	28182-81-2	-	Eye Irrit. 2: H319; Skin Sens. 1: H317	38.000%

N-BUTYL ACETATE

204-658-1	123-86-4	-	Flam. Liq. 3: H226; STOT SE 3: H336; -: EUH066	28.000%
-----------	----------	---	--	---------

XYLENE

215-535-7	1330-20-7	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315	20.000%
-----------	-----------	---	---	---------

2-METHOXY-1-METHYLETHYL ACETATE

203-603-9	108-65-6	Substance with a Community workplace exposure limit.	Flam. Liq. 3: H226	10.000%
-----------	----------	--	--------------------	---------

LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

265-199-0	64742-95-6	-	Asp. Tox. 1: H304; Flam. Liq. 3: H226; STOT SE 3: H335; Aquatic Chronic 2: H411	4.000%
-----------	------------	---	---	--------

Section 4: First aid measures

[cont...]

SAFETY DATA SHEET

HS PREMIUM HARDER

Page: 3

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Use an approved skin cleanser.

Eye contact: Remove contact lenses. Ensure adequate flushing of eyes by separating eyelids with the fingers. Consult a doctor.

Ingestion: Call a doctor immediately. Do not induce vomiting.

Inhalation: Provide fresh air. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: Symptoms and symptoms include headache, dizziness, fatigue, muscle weakness, drowsiness and in extreme cases unconsciousness. Repeated or prolonged contact with the preparation may result in removal of the natural fat of the skin, resulting in non-allergic skin inflammation and absorption through the skin.

Eye contact: When fluid spills into the eyes, this can cause irritation and recoverable damage.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: Exposure to occupational exposure may have adverse effects on health: Irritation of mucous membranes and respiratory system, as well as adverse effects on kidneys, liver and central nervous system.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: In case of doubt or in case of persistent symptoms, call for medical attention. Never give anything by mouth to an unconscious person. Treat symptomatically.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Alcohol resistant foam. Sand or earth. CO2 Do not use water.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes. May contain carbon monoxide, carbon dioxide, nitrogen oxides. Keep away from sources of ignition

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Ensure adequate ventilation. Do not breathe vapor. Keep away from ignition sources
Turn leaking containers leak-side up to prevent the escape of liquid. Refer to section 8 of SDS for personal protection details.

[cont...]

SAFETY DATA SHEET

HS PREMIUM HARDER

Page: 4

6.2. Environmental precautions

Environmental precautions: Do not allow product to reach sewage system or any water course. Do not allow to enter sewers/surface or ground water. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Refer to section 13 of SDS for suitable method of disposal.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. See section 7 for information on safe handling

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Use non-sparking tools. Workers should wash hands and face before eating, drinking and smoking. Do not eat, drink or smoke when using this product. Avoid breathing vapours or mist. To eliminate static electricity during transport, the vessel must be earthed and connected to the receptacle using a tie strap. If employees, even if they are not in the process of processing the product, are in a spray booth, ventilation should be present for any spray particles and solvent vapors. In these circumstances, they must wear a hood during the spraying process until the concentration has dropped below the MAC value. Vapors are heavier than air and can spread over floors. Vapors may form an explosive mixture with air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Keep away from heat. Do not smoke. Do not use pressure when emptying. Is not a pressure vessel. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not throw waste in the sink. Keep away from alkalis, oxidizing substances, acids.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

[cont...]

SAFETY DATA SHEET

HS PREMIUM HARDER

Page: 5

Hazardous ingredients:

N-BUTYL ACETATE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	724 mg/m ³	966 mg/m ³	-	-

XYLENE

UK	220 mg/m ³	441 mg/m ³	-	-
----	-----------------------	-----------------------	---	---

2-METHOXY-1-METHYLETHYL ACETATE

UK	274 mg/m ³	548 mg/m ³	-	-
----	-----------------------	-----------------------	---	---

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Where possible, this must be achieved through the use of local air outlet and good general suction capacity. If these are insufficient to maintain concentrations of particulate matter and vapors of solvents below the batch exposure limit, a suitable respiratory protective device should be worn.

Respiratory protection: In case of intensive or longer exposure or low pollution use self-contained respiratory protective device. Dry sanding of a paint coating, or machining with burners and/or welding equipment of coated objects can cause harmful dust and/or vapors. If possible, wet sanding should be preferred.

Hand protection: Chemical protection gloves are suitable, which are tested according to EN 374. Nitrile gloves. Protective creams can help protect exposed skin. However, these may not be applied after exposure has occurred.

Eye protection: Safety glasses. Ensure eye bath is to hand. Use eye protection (EN166) against splashing of liquids.

Skin protection: Protective clothing. Workers should wear anti-static clothing of a natural material or of a heat-resistant synthetic material.

Environmental: Do not let away in sewers or water courses. See also sections 7 and 12.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Characteristic odour

Solubility in water: Not miscible

Flash point°C: >+23

Relative density: 0.98 +/- 0.05 (20°C)

[cont...]

SAFETY DATA SHEET

HS PREMIUM HARDER

Page: 6

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes. Can be released in case of fire: Carbon monoxide.
Carbon dioxide (CO₂). Nitrogen oxides (NO_x).

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
1330-20-7	-	-	-	-
DERMAL	RBT	LD50	>4350	mg/kg
123-86-4	-	-	-	-
DERMAL	RBT	LD50	141400	mg/kg
64742-95-6	-	-	-	-
DERMAL	RBT	LD50	>20000	mg/kg
108-65-6	-	-	-	-
ORAL	RAT	LD50	>10000	mg/kg

Hazardous ingredients:

[cont...]

SAFETY DATA SHEET

HS PREMIUM HARDER

Page: 7

N-BUTYL ACETATE

ORL	MUS	LD50	6	gm/kg
ORL	RAT	LD50	10768	mg/kg

XYLENE

ORL	MUS	LD50	2119	mg/kg
ORL	RAT	LD50	4300	mg/kg
SCU	RAT	LD50	1700	mg/kg

2-METHOXY-1-METHYLETHYL ACETATE

IPR	MUS	LD50	750	mg/kg
ORL	RAT	LD50	8532	mg/kg

LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

ORL	RAT	LD50	8400	mg/kg
-----	-----	------	------	-------

Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: Symptoms and symptoms include headache, dizziness, fatigue, muscle weakness, drowsiness and in extreme cases unconsciousness. Repeated or prolonged contact with the preparation may result in removal of the natural fat of the skin, resulting in non-allergic skin inflammation and absorption through the skin.

Eye contact: When fluid spills into the eyes, this can cause irritation and recoverable damage.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: Exposure to occupational exposure may have adverse effects on health: Irritation of mucous membranes and respiratory system, as well as adverse effects on kidneys, liver and central nervous system.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

[cont...]

SAFETY DATA SHEET

HS PREMIUM HARDER

Page: 8

Ecotoxicity values:

Species	Test	Value	Units
CAS 1330-20-7	-	-	-
Daphnia magna	24H EC50	150	mg/l
CAS 123-86-4	-	-	-
Daphnia magna	24H EC50	73	mg/l
CAS 64742-95-6	-	-	-
Daphnia magna	24H EC50	170	mg/l
CAS 108-65-6	-	-	-
Daphnia magna	48H EC50	>500	mg/l

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company. The classification of the product may meet the criteria for a hazardous waste. Avoid dispersal of the product on the ground, into sewers or running water.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1263

14.2. UN proper shipping name

Shipping name: PAINT

[cont...]

SAFETY DATA SHEET

HS PREMIUM HARDER

Page: 9

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 3

Section 15: Regulatory information

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

Specific regulations: The product is classified and labeled for delivery in accordance with Directive 1999/45 / EC. The Safety Data Sheet has been prepared in accordance with EU Regulation (EC) No. 1907/2006 (REACH).

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH066: Repeated exposure may cause skin dryness or cracking.

EUH204: Contains isocyanates. May produce an allergic reaction.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

[cont...]

SAFETY DATA SHEET

HS PREMIUM HARDER

Page: 10

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

