

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 12/18/2023 Revision date: 12/18/2023 Version: 1.0

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

1.1. Product identifier

Product form	: Mixture
Trade name	: Adhesion primer 400ml
UFI	: FDA7-7H98-8P9Q-CFE3
Product code	: TSP 030

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

1.2.1. Relevant identified uses

Main use category
Industrial/Professional use spec
Use of the substance/mixture
Function or use category

- : Professional use
- : Industrial uses: Uses of substances as such or in preparations at industrial sites

: Coating solution

: Coatings and paints, thinners, paint removers, Industrial spraying, Non industrial spraying

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Importer Paint Smart Group NZ 10 Barberry Street Judea Tauranga New Zealand www.paintsmart.co.nz

Supplier Chemicar Europe NV Baarbeek, 2 2070 Zwijndrecht T +32 (0) 3 234 87 80 - F +32 (0) 3 234 87 89 info@chemicar.eu

1.4. Emergency telephone number

Emergency number

: Poisons Centre New Zealand 0800 764 766

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol, Category 1	H222;H229
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Specific target organ toxicity – Single exposure, Category 3, Narcosis	H336
Specific target organ toxicity – Repeated exposure, Category 2	H373
Hazardous to the aquatic environment – Chronic Hazard, Category 2	H411
Full text of H- and EUH-statements: see section 16	

HSR002517 - Flammable, toxic

Adverse physicochemical, human health and environmental effects

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2.2. Label elements

Labelling according to Regulation (EC)	No. 1272/2008 [CLP]
Hazard pictograms (CLP)	
	GHS02 GHS07 GHS08 GHS09
Signal word (CLP) Contains	 Danger Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane; Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane; Reaction mass of ethylbenzene and xylene
Hazard statements (CLP)	 H222 - Extremely flammable aerosol. H229 - Pressurised container: May burst if heated. H315 - Causes skin irritation. H319 - Causes serious eye irritation. H336 - May cause drowsiness or dizziness. H373 - May cause damage to organs (hearing organs) through prolonged or repeated exposure. H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements (CLP)	 P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 - Do not spray on an open flame or other ignition source. P251 - Do not pierce or burn, even after use. P260 - Do not breathe dusts or mists. P271 - Use only outdoors or in a well-ventilated area. P273 - Avoid release to the environment. P280 - Wear protective gloves, eye protection, face protection. P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 - Call a POISON CENTRE or doctor if you feel unwell. P403 - Store in a well-ventilated place. P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Extra phrases	: Without adequate ventilation formation of explosive mixtures may be possible.
Nordic countries regulation	
Denmark MAL code	: 5-3
2.3 Other hazards	

2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

Determination of endocrine-disrupting properties		
108-90-7	chlorobenzene	List II

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

	1		
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
dimethyl ether	CAS-No.: 115-10-6 EC-No.: 204-065-8 EC Index-No.: 603-019-00-8	25 – 50	Flam. Gas 1A, H220 Press. Gas
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	CAS-No.: 92128-66-0 EC-No.: 921-024-6	25 – 50	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	EC-No.: 926-605-8	10 – 25	Flam. Liq. 2, H225 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Reaction mass of ethylbenzene and xylene	EC-No.: 905-588-0	10 – 25	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304
ethylbenzene	CAS-No.: 100-41-4 EC-No.: 202-849-4 EC Index-No.: 601-023-00-4	0.1 – 1	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 STOT RE 2, H373 Asp. Tox. 1, H304
chlorobenzene	CAS-No.: 108-90-7 EC-No.: 203-628-5 EC Index-No.: 602-033-00-1	0.1 – 0.25	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Aquatic Chronic 2, H411

Comments

: For aerosols and fixed-diffuser containers containing substances or mixtures classified as hazardous by aspiration, no labelling is required for that hazard. The text of the hazard statements listed here can be consulted in Chapter 16.

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures		
4.1. Description of first aid measures		
First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion	 In case of loss of consciousness, place the victim in the recovery position. Rinse opened eye for several minutes under running water. Then consult doctor. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. 	
 4.2. Most important symptoms and effects, both acute and delayed No additional information available 4.3. Indication of any immediate medical attention and special treatment needed 		

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SECTION 5: Firefighting measures			
5.1. Extinguishing media			
Suitable extinguishing media Unsuitable extinguishing media	Carbon dioxide. Alcohol resistant foam. Water fog. extinguishing powder.Do not use a heavy water stream.		
5.2. Special hazards arising from the sub	ostance or mixture		
No additional information available			
5.3. Advice for firefighters			
Protection during firefighting	: Approved respirator.		
SECTION 6: Accidental release measures			
6.1. Personal precautions, protective equipment and emergency procedures			
General measures	: Wear suitable protective clothing.		
6.1.1. For non-emergency personnel			
Emergency procedures	: Keep public away.		

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Notify authorities if product enters sewers or public waters. Prevent entry to sewers and public waters. Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up Methods for cleaning up : Do not flush with water. Other information : Ensure there is adequate ventilation.

6.4. Reference to other sections

SECTION 7. SECTION 8. SECTION 13.

SECTION 7: Handling and storage				
7.1. Precautions for safe handling				
Additional hazards when processed Precautions for safe handling	 Ensure adequate air ventilation. Handle and open container with care. Do not pierce or burn, even after use. Do not eat, drink or smoke when using this product. Do not spray on an open flame or other ignition source. Take precautionary measures against static discharge. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. 			
7.2. Conditions for safe storage, including any incompatibilities				
Storage conditions	: Keep in a cool place. Container should not be closed gas-tight. Store under dry conditions. Protect from heat and direct sunlight.			

7.3. Specific end use(s)

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

dimethyl ether (115-10-6)		
EU - Indicative Occupational Exposure Limit (IOEL)		
Local name	Dimethylether	
IOEL TWA	1920 mg/m³	
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC	
Belgium - Occupational Exposure Limits		
Local name	Oxyde de diméthyle # Dimethylether	
OEL TWA	1920 mg/m³	
OEL TWA [ppm]	1000 ppm	
Regulatory reference	Koninklijk besluit/Arrêté royal 11/05/2021	

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Wash hands before breaks and after work. Do not breathe gas/vapour/aerosol. Avoid contact with skin and eyes. Remove contaminated clothes. Keep away from food, drink and animal feedingstuffs.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection			
Туре	Field of application	Characteristics	Standard
Protective goggles			EN 166

8.2.2.2. Skin protection

Skin and body protection	
Туре	Standard
	EN 13034

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Hand protection						
Type Material		Permeation	Thickness (mm)	Penetration	Standard	
	Nitrile rubber (NBR)	5 (> 240 minutes), 6 (> 480 minutes)	> 0.5		EN ISO 374	

8.2.2.3. Respiratory protection

Respiratory protection			
Device	Filter type	Condition	Standard
	Type AX - Low-boiling (<65 °C) organic compounds, Type P2		

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

SECTION 9: Physical and chemical properties			
9.1. Information on basic physical and chemical properties			
Physical state	: Not available		
Colour	: Not available		
Appearance	: Aerosol.		
Odour	: characteristic.		
Odour threshold	: Not available		
Melting point	: Not available		
Freezing point	: Not available		
Boiling point	: -24.8 °C 115-10-6 Dimethylether		
Flammability	: Not self-igniting,Extremely flammable aerosol,Pressurized container,Pressurized container: may burst if heated		
Explosive limits	: Not available		
Lower explosion limit	: 0.8 vol %		
Upper explosion limit	: 18.6 vol %		
Flash point	: -42 °C		
Auto-ignition temperature	: > 200 °C		
Decomposition temperature	: Not available		
рН	: <		
Viscosity, kinematic	: Not applicable		
Solubility	: Organic solvent:98,2%		
Partition coefficient n-octanol/water (Log Kow)	: Not available		
Vapour pressure	: 4000 hPa		
Vapour pressure at 50°C	: Not available		
Density	: 0.727 g/cm ³ 20°C		
Relative density	: Not available		
Relative vapour density at 20°C	: Not available		
Particle characteristics	: Not applicable		
9.2 Other information			

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

Relative evaporation rate (butylacetate=1)	: <
VOC content	: 714.6 g/I VOC-CH: 98,29%
Additional information	: Solid content 100,00%. Organic solvents 98,3%

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SECTION 10: Stability and reactivity
10.1. Reactivity
No additional information available
10.2. Chemical stability
No decomposition when used according to regulations.
10.3. Possibility of hazardous reactions
No additional information available
10.4. Conditions to avoid
No additional information available
10.5. Incompatible materials
No additional information available
10.6. Hazardous decomposition products
No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008			
Acute toxicity (oral)	: Not classified		
Acute toxicity (dermal)	Not classified		
Acute toxicity (inhalation)	: Not classified		
Skin corrosion/irritation	: Causes skin irritation.		
	pH: <		
Serious eye damage/irritation	: Causes serious eye irritation.		
	pH: <		
Respiratory or skin sensitisation	: Not classified		
Germ cell mutagenicity	: Not classified		
Carcinogenicity	: Not classified		
Reproductive toxicity	: Not classified		
STOT-single exposure	: May cause drowsiness or dizziness.		
Hydrocarbons, C6-C7, n-alkanes, isoalka	nes, cyclics, <5% n-hexane		
STOT-single exposure	May cause drowsiness or dizziness.		
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane (92128-66-0)			
STOT-single exposure	May cause drowsiness or dizziness.		
Reaction mass of ethylbenzene and xylene			
STOT-single exposure	May cause respiratory irritation.		
STOT-repeated exposure	May cause damage to organs (hearing organs) through prolonged or repeated exposure.		
ethylbenzene (100-41-4)			
STOT-repeated exposure	May cause damage to organs (hearing organs) through prolonged or repeated exposure.		
Reaction mass of ethylbenzene and xylene			
STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure.			
Aspiration hazard : Not classified			

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11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties

: CHLOROBENZENE

11.2.2. Other information

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

and the second			
Hazardous to the aquatic environment, short-term : (acute)	Not classified		
	Toxic to aquatic life with long lasting effects.		
Hydrocarbons, C6-C7, n-alkanes, isoalkanes,	cyclics, <5% n-hexane (92128-66-0)		
LC50 - Fish [1]	11.4 mg/l Oncorhynchus mykiss		
LOEC (acute)	0.32 mg/l Daphnia magna		
NOEC chronic fish	0.17 mg/l Daphnia magna		
12.2. Persistence and degradability			
Adhesion primer 400ml			
Persistence and degradability	Not readily biodegradable.		

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil	
Adhesion primer 400ml	
Ecology - soil	Hazardous to water (WGK 2). Endangering to drinking water.
12.5. Results of PBT and vPvB assessment	

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

SECTION 13: Disposal considerations		
13.1. Waste treatment methods		
Regional waste regulation Waste treatment methods	Do not dispose of with domestic waste. Prevent entry to sewers and public waters.Dispose in a safe manner in accordance with local/national regulations.	

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HP Code	 HP3 - "Flammable:" flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C; flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air; flammable solid waste: solid waste which is readily combustible or may cause or
	contribute to fire through friction; – flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a
	standard pressure of 101.3 kPa;
	 water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;
	 – other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.

HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.

HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment

SECTION 14: Transport information

ADR	IMDG	ΙΑΤΑ	ADN
14.1. UN number or ID numbe	r		
UN 1950	UN 1950	UN 1950	UN 1950
14.2. UN proper shipping nam	ne		
AEROSOLS	AEROSOLS	Not applicable	Not applicable
Transport document description	·		
UN 1950 AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1, MARINE POLLUTANT/ENVIRONMENTALL Y HAZARDOUS	UN 1950 , ENVIRONMENTALLY HAZARDOUS	UN 1950 , ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es)		
2.1	2.1	Not applicable	Not applicable
		¥2	¥2
14.4. Packing group			
Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes
No supplementary information avail	able		
14.6. Special precautions for u	Iser		
Overland transport			
Classification code (ADR) Special provisions (ADR)	: 5F : 190, 327, 344, 62		

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Limited quantities (ADR)	:	11
Excepted quantities (ADR)	:	EO
Packing instructions (ADR)	:	P207
Special packing provisions (ADR)	:	PP87, RR6, L2
Mixed packing provisions (ADR)	:	MP9
Transport category (ADR)	:	2
Special provisions for carriage - Packages (ADR)	:	V14
Special provisions for carriage - Loading, unloading and handling (ADR)	:	CV9, CV12
Special provisions for carriage - Operation (ADR)		S2
Tunnel restriction code (ADR)		D
Transport by sea		
Special provisions (IMDG)	:	63, 190, 277, 327, 344, 381, 959
Packing instructions (IMDG)	:	P207, LP200
Special packing provisions (IMDG)	:	PP87, L2
EmS-No. (Fire)	:	F-D
EmS-No. (Spillage)	:	S-U
Stowage category (IMDG)	:	None
Stowage and handling (IMDG)	:	SW1, SW22
Segregation (IMDG)	:	SG69

Air transport

No data available

Inland waterway transport

No data available

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

VOC Directive (2004/42)

VOC content : 714.6 g/l VOC-CH: 98,29%

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

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Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

France

Occupational diseases			
Code De	Description		
RG 9 Di	Diseases caused by halogenated derivatives of aromatic hydrocarbons		
Germany			
Water hazard class (WGK) Hazardous Incident Ordinance	: WGK 2, Significantly hazardous to water (Classification according to a (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)	AwSV, Annex 1).	
Netherlands			
Waterbezwaarlijkheid Saneringsinspanningen SZW-lijst van kankerverwekker SZW-lijst van mutagene stoffer SZW-lijst van reprotoxische sto SZW-lijst van reprotoxische sto Vruchtbaarheid SZW-lijst van reprotoxische sto	n : None of the components are listed offen – Borstvoeding : None of the components are listed offen – : None of the components are listed	technieken	
Denmark Class for fire hazard Store unit Classification remarks	 Class I-1 1 liter F+ <aerosol 1="">; Emergency management guidelines for the storage must be followed</aerosol> 	of flammable liquids	
Danish National Regulations	 Young people below the age of 18 years are not allowed to use the p Pregnant/breastfeeding women working with the product must not be the product 		

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:		
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4	
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2	
Asp. Tox. 1	Aspiration hazard, Category 1	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Flam. Gas 1A	Flammable gases, Category 1A	
Flam. Liq. 2	Flammable liquids, Category 2	
Flam. Liq. 3	Flammable liquids, Category 3	
H220	Extremely flammable gas.	
H222	Extremely flammable aerosol.	
H225	Highly flammable liquid and vapour.	
H226	Flammable liquid and vapour.	

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Full text of H- and EUH-statements:		
H229	Pressurised container: May burst if heated.	
H304	May be fatal if swallowed and enters airways.	
H312	Harmful in contact with skin.	
H315	Causes skin irritation.	
H319	Causes serious eye irritation.	
H332	Harmful if inhaled.	
H335	May cause respiratory irritation.	
H336	May cause drowsiness or dizziness.	
H373	May cause damage to organs through prolonged or repeated exposure.	
H411	Toxic to aquatic life with long lasting effects.	
Press. Gas	Gases under pressure	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2	
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis	

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.