ANCHOR ALLIED FACTORY LTD.
MFG. OF SELF-ADHESIVE TAPES, SILICONE & ACRYLIC SEALANTS, SPRAY PAINTS AND CAR CARE PRODUCTS
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TÜVRheinland® CERT ISO 9001

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MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **ASMACO PRO PU10**

MANUFACTURER: ANCHOR ALLIED FACTORY LIMITED

ADDRESS: P O BOX. 21152, SHARJAH, UAE

PHONE: +971 6 5342091
FAX: +971 6 5342107
E-mail: info@anchorallied.com
USE: One Component polyurethane foam intended for general bonding

SECTION 2: INGREDIENTS

Ingredient	Registration number	CAS No.	EC No.	Conc. (%w/w)	Hazard Class and Category	Hazard Statement
Dimethyl ether	01-2119472128-37-0002	115-10-6	204-065-8	2-10	Press. Gas, Flam. Gas 1	H220
Diphenylmethane diisocyanate isomers and homologues	----------	9016-87-9	618-498-9	35-50	Acute Tox. 4 (Inhalation), Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1, Carc. 2, STOT SE 3, STOT RE 2,	H332 H315, H319, H334, H317, H351, H335, H373
Alkanes, C_{14-17} chloro,	01-2119519269-33	85535-85-9	287-477-0	< 35	Lact.; Aquatic Acute 1; Aquatic Chronic 1;	H362, H400, H410
Propane	01-2119486944-21	74-98-6	200-827-9	3-10	Press. Gas, Flam. Gas 1	H220
n-Butane	01-2119474691-32	106-97-8	203-448-7	5-10	Press. Gas Flam. Gas 1	H220
Isobutane	01-2119485395-27	75-28-5	200-857-2	2-5	Press. Gas Flam. Gas 1	H220

SECTION 3: HAZARDS IDENTIFICATION

Classification of the substance or mixture

Product definition: Mixture

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

Class	Category	Hazard statements
Aerosol	category 1	H222: Extremely flammable aerosol.
Aerosol	category 1	H229: Pressurised container: May burst if heated.
Carc.	category 2	H351: Suspected of causing cancer.
Lact.	-	H362: May cause harm to breast-fed children.
Acute Tox.	category 4	H332: Harmful if inhaled.
STOT RE inhaled.	category 2	H373: May cause damage to organs through prolonged or repeated exposure if
Eye Irrit.	category 2	H319: Causes serious eye irritation.

STOT SE	category 3	H335: May cause respiratory irritation.
Skin Irrit.	category 2	H315: Causes skin irritation.
Resp. Sens.	category 1	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin Sens.	category 1	H317: May cause an allergic skin reaction.
Aquatic Chronic	category 4	H413: May cause long lasting harmful effects to aquatic life.

Label elements

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

Hazard pictogram [CLP]

GHS02 GHS07 GHS08

Signal word (CLP) Danger

Product identifier: Contains: Polymeric MDI, Alkanes, C_{14-17} chloro.

Hazard statements (CLP)

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H351 Suspected of causing cancer.
H362 May cause harm to breast-fed children.
H332 Harmful if inhaled.
H373 May cause damage to organs through prolonged or repeated exposure if inhaled.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H315 Causes skin irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317 May cause an allergic skin reaction.
H413 May cause long lasting harmful effects to aquatic life.

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.
P308 + P313 IF exposed or concerned: Get medical advice/attention.
P405 Store locked up.
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122°F.
P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

Supplemental information - Persons already sensitized to diisocyanates may develop allergic reactions when using this product. - Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. - This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i. e. type A1 according to standard EN 14387) is used.

Other hazards

No information available

SECTION 4: FIRST AID MEASURES

Description of first aid measures General:

General Advice:	Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with labored breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.
After inhalation:	Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.
After skin contact:	Wash immediately with lots of water. Take victim to a doctor if irritation persists.
After eye contact:	Rinse immediately with plenty of water. Do not apply neutralizing agents. Take victim to an ophthalmologist if irritation persists.
After ingestion:	Rinse mouth with water. Immediately after ingestion: give lots of water to drink. Do not induce vomiting. Consult a doctor/medical service if you feel unwell.

Most important symptoms and effects, both acute and delayed

Acute symptoms

After inhalation:	Dry/sore throat. Coughing. Irritation of the respiratory tract. Irritation of the nasal mucous membranes. Runny nose. FOLLOWING SYMPTOMS MAY APPEAR LATER: Possible inflammation of the respiratory tract. Risk of lung oedema. Respiratory difficulties.
After skin contact:	Tingling/irritation of the skin.
After eye contact:	Irritation of the eye tissue. Lacrimation.
After ingestion:	Not applicable.
Delayed symptoms	No effects known.
Indication of any immediate medical attention and special treatment needed	If applicable and available, it will be listed below.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media	foam, carbon dioxide or dry agent
Special hazards arising from the substance or mixture	Aerosols may explode if heated above 50°C Forms hazardous decomposition products CO, CO2
Advice for firefighters	Keep container(s) exposed to fire cool, by spraying with water. In case of fire, do not breathe fumes

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Use appropriate safety equipment. For additional information, refer to item 8, Exposure Controls and Personal Protection.
Environmental Precautions:	Do not allow to enter sewers/surface or ground water.
Cleaning/Collecting Precautions:	Dispose contaminated material as waste according to item 13. Ensure adequate ventilation. Do not flush with water or aqueous cleaning agents.

SECTION 7: HANDLING AND STORAGE

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

Precautions for safe handling	Use spark-/explosionproof appliances and lighting system. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Observe very strict hygiene - avoid contact. Remove contaminated clothing immediately.

Conditions for safe storage, including any incompatibilities

Safe storage requirements:	Storage temperature: < 50 °C. Store in a cool area. Keep out of direct sunlight. Store in a dry area. Ventilation at floor level. Fireproof storeroom. Unauthorized persons are not admitted. Meet the legal requirements. Max. storage time: 1 year(s).
Keep away from:	Heat sources, ignition sources, (strong) acids, (strong) bases.
Suitable packaging material:	Aerosol.
Non suitable packaging material:	No data available
Specific end use(s)	If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

National occupational exposure and biological limit values

No additional information available

EU

Dimethyl ether	Time-weighted average exposure limit 8 h (Indicative occupational exposure limit value)	1000 ppm
	Time-weighted average exposure limit 8 h (Indicative occupational exposure limit value)	1920 mg/m^3

Belgium

Hydrocarbures aliphatiques sous forme gazeuse : (Alcanes C1-	Time-weighted average exposure limit 8 h	1000 ppm
Oxyde de diméthyle	Time-weighted average exposure limit 8 h	1000 ppm
	Time-weighted average exposure limit 8 h	1920 mg/m^3

Germany

Chloralkane, C14-17 (Chlorierte Paraffine C14-17)	Time-weighted average exposure limit 8 h (TRGS 900)	0.3 ppm
	Time-weighted average exposure limit 8 h (TRGS 900)	6 mg/m^3
Dimethyl ether	Time-weighted average exposure limit 8 h (TRGS 900)	1000 ppm
	Time-weighted average exposure limit 8 h (TRGS 900)	1900 mg/m^3
Isobutane	Time-weighted average exposure limit 8 h (TRGS 900)	1000 ppm
	Time-weighted average exposure limit 8 h (TRGS 900)	2400 mg/m^3
Propane	Time-weighted average exposure limit 8 h (TRGS 900)	1800 mg/m^3
	Time-weighted average exposure limit 8 h (TRGS 900)	1000 ppm
pMDI	Time-weighted average exposure limit 8 h (TRGS 900)	0.05 mg/m^3

UK

Dimethyl ether	Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005))	400 ppm
	Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005))	766 mg/m^3
	Short time value (Workplace exposure limit (EH40/2005))	500 ppm
	Short time value (Workplace exposure limit (EH40/2005))	958 mg/m^3
Isocyanates, all (as-NCO) except methyl isocyanate	Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005))	0.02mg/m^3
	Short time value (Workplace exposure limit (EH40/2005))	0.07mg/m^3

USA (TLV-ACGIH)

Butane, all isomers	Short time value (TLV-Adopted value)	1000 ppm

b) National biological limit values

If limit values are applicable and available these will be listed below

Sampling Methods

If applicable and available, it will be listed below.

Isocyanates	NIOSH	5521
Isocyanates	NIOSH	5522

Applicable limit values when using the substance or mixture as intended
If limit values are applicable and available, these will be listed below.

DNEL/PNEC Values

Alkanes, C_{14-17}, Chloro	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	47.9mg/kg bodyweight/day
Long-term - systemic effects, inhalation	6.7 mg/m³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	0.58 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	2 mg/m³
Long-term - systemic effects, dermal	28.7 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	1 µg/l
PNEC aqua (marine water)	0.2 µg/l
STP	80 mg/l
PNEC sediment (freshwater)	13 mg/kg dwt
PNEC sediment (marine water)	2.6 mg/kg dwt
PNEC soil	11.9 mg/kg dwt
PNEC Oral	10 mg/food

Control banding

If applicable and available, it will be listed below

Exposure controls

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex.

Always use the relevant exposure scenarios that correspond to your identified use.

Appropriate engineering controls

Use spark-/explosionproof appliances and lighting system. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Measure the concentration in the air regularly.

Individual protection measures, such as personal protective equipment

Observe very strict hygiene - avoid contact. Do not eat, drink or smoke during work.

a) Respiratory protection:

Wear gas mask with filter type A if conc. in air > exposure limit.

b) Hand protection:

Gloves.

Materials	**Break through time**	**Thickness**
LDPE (Low Density Polyethylene)	10 minutes	0.025mm

c) Eye protection:

Protective goggles

d) Skin protection:

Head/neck protection. Protective clothing.

Environmental exposure controls

Avoid release to the environmental

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance: physical state:	Aerosol.
Color:	Light yellow to amber collapsing foam.
Odor:	Characteristics odour
Odor threshold:	No data available
Particle size	Not applicable
Explosion limits	No data available
Flammability	Extremely flammable aerosol
Log Kow	No applicable (mixture)
Dynamic viscosity	No data available
Kinematic viscosity	No data available
Melting point	No data available
Boiling point/range:	No data available
Flash point:	No data available
Evaporation rate	No data available
Vapour pressure:	7 bar (@ 20°C).
Relative density:	0.95 g/cm^3 (@ 20°C).
Solubility in water:	Insoluble in water
Auto-ignition:	Not available.

Other information

None

SECTION 10: STABILITY AND REACTIVITY

Reactivity

May be ignited by sparks. Gas/vapour spreads at floor level: ignition hazard. No data available.

Chemical stability

Stable under normal conditions**.**

Possibility of hazardous reactions

May polymerize with many compounds e.g.: (strong) bases and amines. Reacts violently with (some) acids/bases.

Conditions to avoid

Use spark-/explosionproof appliances and lighting system. Keep away from naked flames/heat. Keep away from ignition sources/sparks.

Incompatible materials

(strong) acids, (strong) bases.

Hazardous decomposition products

On heating: release of toxic/combustible gases/vapours (hydrogen cyanide). On burning release of toxic and corrosive gases/vapours (nitrous vapours, hydrogen chloride, carbon monoxide - carbon dioxide).

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects:

No data available on the mixture

Polymethylene polyphenyl isocyanate	
LD50 oral rat	10000 mg/kg bodyweight Animal: rat, Animal sex: female
LD50 Dermal Rabbit	> 500mg/kg
LD50 Inhalation - Rat	10 mg/l 4 h
Inhalation	Category 4

Alkanes, C14-17, chloro,	
LD50 oral rat	> 4000 mg/kg bodyweight Animal: rat, Animal sex: male/female
LD50 Dermal Rabbit	> 13500 mg/kg 24 h

LC50 Inhalation - Rat	> 48170 mg/m^3 4 h
Inhalation	Category 4

Judgement is based on the relevant ingredients.

Conclusion

Harmful if inhaled

Not classified as acute toxic in contact with skin

Not classified as acute toxic if swallowed

Corrosion/Irritation

Polymethylene polyphenyl isocyanate

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remarks
Eye	Irritating; category 2					Literature Study	
Skin	Irritating; category 2					Literature Study	
inhalation	Irritating; STOT SE cat.3					Literature Study	

Alkane, C14-17, chloro,

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remarks
Eye	Slightly irritating				Rabbit	Expert Judgement	
Skin	Slightly irritating	OECD 404	4 h	24;72 hours	Rabbit	Expert Judgement	

Classification is based on the relevant ingredients

Conclusion:

Causes skin irritation

Causes serious eye irritation

May causes respiratory irritation

Respiratory/Sensitisation

Polymethylene polyphenyl isocyanate

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remarks
Skin	Sensitizing; category 1					Literature study	
Inhalation	Sensitizing; category 1					Literature study	

Alkane, C14-17, chloro,

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remarks
Skin	Nit sensitizing	Guinea pig maximization test		48 h	Guinea pig	Experimental Value	

Classification is based on the relevant ingredients

Conclusion:

May causes an allergic skin reaction.

May causes allergy or asthma symptoms or breathing difficulties if inhaled

May causes respiratory irritation.

Specific Target organ Toxicity

Polymethylene polyphenyl isocyanate

Route of Exposure	Parameter	Method	Value	Organ	Effect	Exposure Time	Species	Value determination
Inhalation			STOT RE cat.2					Literature study

Alkane, C14-17, chloro,

Route of Exposure	Parameter	Method	Value	Organ	Effect	Exposure Time	Species	Value determination

Oral (diet)	NOAEL	Equivalent to OECD 408	300 ppm	Liver; kidney	No adverse systemic effects	13 week (s)	Rat (male/female)	Experimental value
Oral (diet)	NOAEL	Equivalent to OECD 408	100 mg/kg bw/day	Kidney	No adverse systemic effects	13 week (s)	Rat (male/female)	Experimental value
Dermal								Data waiving
Inhalation								Data waiving

Classification is based on the relevant ingredients

Conclusion:

May causes damage to organs through prolonged or repeated exposure if inhaled.

Carcinogenicity:

Polymethylene polyphenyl isocyanate

Route of Exposure	Parameter	Method	Value	Organ	Effect	Exposure Time	Species	Value determination
Unknown			Category 2					Literature study

Alkane, C14-17, chloro,

Route of Exposure	Parameter	Method	Value	Organ	Effect	Exposure Time	Species	Value determination
Oral	LOAEL	Equivalent to OECD 451	312 mg/kg bw/day		Carcinogenicity	104 weeks (5 day/week)	Rat M/F	Read-across
Oral	LOAEL	Equivalent to OECD 451	125 mg/kg bw/day		Carcinogenicity	104 weeks (5 day/week)	Mouse M/F	Read-across

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecology - general

Polymethylene polyphenyl isocyanate

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity other aquatic organisms	LC50		>1000 mg/l	96 h				Literature study
Toxicity aquatic micro-organisms	EC50	OECD209	>100 mg/l		Activated sludge			Literature study

Alkane, C14-17, chloro,

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes	LC50	OECD 203	>10000 mg/l	96 h	Alburnus alburnus	Static system	Salt water	Experimental value
Acute toxicity invertebrates	EC50	OECD 203	0.0077 mg/l	48 h	Daphnia magna	Static system	Fresh water	Experimental value
Toxicity algae and other aquatic plants	EC50	OECD 201	>3.2 mg/l	72 h	Pseudokirchneriella subcapitata	Static system	Fresh water	Experimental value; Growth rate
Long term toxicity fish	NOEC	OECD 204	>125 µg/l	14 days	Alburnus alburnus	Semi-Static system	Salt water	Experimental value
Long term	NOEC	OECD	0.01mg/l	21 days	Daphnia magna	Static	Fresh	Experimental

toxicity aquatic invertebrates		202				system	water	value

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic): Harmful to aquatic life with long lasting effects
Not rapidly degradable

SECTION 13: DISPOSAL CONSIDERATIONS

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

Waste treatment methods

Provisions relating to waste

Hazardous waste according to Directive 2008/98/EC, as amended by Regulation (EU) No 1357/2014.
Waste material code (Directive 2008/98/EC, Decision 2000/0532/EC).
08 05 01* (wastes not otherwise specified in 08: waste isocyanates).
16 05 04* (gases in pressure containers and discarded chemicals: gases in pressure containers (including halons) containing hazardous substances).
Depending on branch of industry and production process, also other waste codes may be applicable.

Disposal methods

Recycle/reuse. Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different
types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste.
Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent
risks of pollution or damage to people or animals. Specific treatment. Do not discharge into drains or the environment.

Packaging/Container

Waste material code packaging (Directive 2008/98/EC).
15 01 10* (packaging containing residues of or contaminated by dangerous substances).

SECTION 14: TRANSPORT INFORMATION

UN number

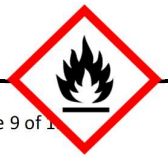
UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950
UN No. (ADN)	1950

UN proper shipping name

Proper shipping name (ADR/RID)	AEROSOLS
Proper shipping name (IMDG)	AEROSOLS
Proper shipping name (ICAO)	AEROSOLS, flammable
Proper shipping name (ADN)	AEROSOLS

Transport hazard class(es)

ADR/RID class	2.1
ADR/RID classification code	5F
ADR/RID label	2.1
IMDG class	2.1
ICAO class/division	2.1
ADN class	2.1



Packing group

ADR/RID packing group	None
IMDG packing group	None
ICAO packing group	None
ADN packing group	None

Environmental hazards

Dangerous for the environment:	No
Marine pollutant:	No
Other information:	No supplementary information available Environmentally hazardous substance/marine pollutant

Special precautions for user

Overland transport	
Classification code (ADR)	5F
Special provisions (ADR)	190, 327, 344, 625
Limited quantities (ADR)	1l
Excepted quantities (ADR)	E0
Packing instructions (ADR)	P207, LP02
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, 959
Limited quantities (IMDG)	SP277
Excepted quantities (IMDG)	E0
Packing instructions (IMDG)	P207, LP02
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
MFAG-No	126
Air transport	
PCA Excepted quantities (IATA)	E0
PCA Limited quantities (IATA)	Y203
PCA limited quantity max net quantity (IATA)	30kgG
PCA packing instructions (IATA)	203
PCA max net quantity (IATA)	75kg
CAO packing instructions (IATA)	203
CAO max net quantity (IATA)	150kg
Special provisions (IATA)	A145, A167, A802
ERG code (IATA)	10L
Inland waterway transport	
Classification code (ADN)	5F
Special provisions (ADN)	190, 327, 344, 625
Limited quantities (ADN)	1 L
Excepted quantities (ADN)	E0
Equipment required (ADN)	PP, EX, A
Ventilation (ADN)	VE01, VE04
Number of blue cones/lights (ADN)	1

Rail transport

Classification code (RID)	5F
Special provisions (RID)	190, 327, 344, 625
Limited quantities (RID)	1L
Excepted quantities (RID)	E0
Packing instructions (RID)	P207, LP02
Special packing provisions (RID)	PP87, RR6, L2
Mixed packing provisions (RID)	MP9
Transport category (RID)	2
Special provisions for carriage – Packages (RID)	W14
Special provisions for carriage - Loading, unloading and handling (RID)	CW9, CW12
Colis express (express parcels) (RID)	CE2
Hazard identification number (RID)	23

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not acceptable

SECTION 15: REGULATORY INFORMATION

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

EU-Regulations
Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances
VOC content < 9 g/l

National regulations

Germany

VwVwS Annex reference	Water hazard class (WGK) 1, low hazard to waters (Classification according to VwVwS, Annex 4)
12th Ordinance Implementing the Federal Immission Control Act - 12.B ImSchV	Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

SZW-lijst van kankerverwekkende stoffen	None of the components are listed
SZW-lijst van mutagene stiffen	None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	None of the components are listed

Denmark

Class for fire hazard	Class I-1
Store unit	1 liter
Classification remarks	F < Aerosol>; Emergency management guidelines for the storage of flammable liquids must be followed
Recommendations Danish Regulation	Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product Persons suffering from asthma or eczema and persons who have chronic lung diseases, skin or respiratory allergies to isocyanates should not work with the material The requirements from the Danish Working Environment Authorities regarding work with epoxy resins and isocyanates must be observed during use and disposal The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

Chemical Safety assessment
No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation: gas)	Acute toxicity (inhalation: gas) Category 4
Aerosol 1	Aerosol, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Gas 1	Flammable gases, Category 1
Press. Gas	Gases under pressure
Resp. Sens. 1	Sensitisation — Respiratory, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitisation — Skin, Category 1
STOT RE 2 S	pecific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H220	Extremely flammable gas
H222	Extremely flammable aerosol
H229	Pressurised container: May burst if heated
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H351	Suspected of causing cancer
H373	May cause damage to organs through prolonged or repeated exposure
EUH204	Contains isocyanates. May produce an allergic reaction

This product should be stored, handled, and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date of issue. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given for implied to practice any patented invention without a license. User is responsible for determining whether the ASMACO product is fit for a particular purpose and suitable for user's method of use or application. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazard inherent in the nature of the product. This product must be stored, handled, and used in compliance with current regulation and laws. Furthermore, the specifications and description herein cannot be used to void a contract.