

SAFETY DATA SHEET

According to 13 December 2014, No:29204, "Ministry of Environment and Urbanization; Regulation on Safety data sheets regarding hazardous substances and mixtures; Part I".

MasterSeal P 684

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	13.01.2021	000000251383	Date of first issue: 13.01.2021

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

1.1 Product identifier

Trade name : MasterSeal P 684
Product code : 000000000057856218

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

Recommended restrictions : Industrial use, Professional use, Consumer use on use

1.3 Details of the supplier of the safety data sheet

Company : Master Builders Solutions
Yapı Kimyasalları Sanayi ve Ticaret Ltd.
Sti.,
Ataşehir Kuzey, C Kapısı 3E/ 5-12
34746 İstanbul, Turkey

Telephone : +902162178800

Telefax : +902162178800

E-mail address of person responsible for the SDS : mabas-eb@mbcc-group.com

1.4 Emergency telephone

ChemTel: +1-813-248-0585

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification T.R. SEA No 28848

Flammable liquids, Category 3	H226: Flammable liquid and vapour.
Acute toxicity, Category 4	H332: Harmful if inhaled.
Acute toxicity, Category 4	H302: Harmful if swallowed.
Acute toxicity, Category 4	H312: Harmful in contact with skin.
Skin irritation, Category 2	H315: Causes skin irritation.
Serious eye damage, Category 1	H318: Causes serious eye damage.
Skin sensitization, Category 1	H317: May cause an allergic skin reaction.

SAFETY DATA SHEET

According to 13 December 2014, No:29204, "Ministry of Environment and Urbanization; Regulation on Safety data sheets regarding hazardous substances and mixtures; Part I".

MasterSeal P 684

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	13.01.2021	00000251383	Date of first issue: 13.01.2021

Specific target organ toxicity - single exposure, Category 3

H335: May cause respiratory irritation.

Long-term (chronic) aquatic hazard, Category 2

H411: Toxic to aquatic life with long lasting effects.

2.2 Label elements

Labeling T.R. SEA No 28848

Hazard pictograms :



Signal Word : Danger

Hazard Statements :

- H226 Flammable liquid and vapour.
- H318 Causes serious eye damage.
- H315 Causes skin irritation.
- H312 Harmful in contact with skin.
- H332 Harmful if inhaled.
- H302 Harmful if swallowed.
- H317 May cause an allergic skin reaction.
- H335 May cause respiratory irritation.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements :

Prevention:

- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
- P271 Use only outdoors or in a well-ventilated area.
- P273 Avoid release to the environment.
- P260 Do not breathe dust or mist.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
- P243 Take action to prevent static discharges.
- P241 Use explosion-proof [electrical/ ventilating/ lighting/ .?] equipment.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P264 Wash face, hands and any exposed skin thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P242 Use only non-sparking tools.
- P240 Ground and bond container and receiving equipment.

Response:

- P310 Immediately call a POISON CENTER/ doctor/
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and

SAFETY DATA SHEET

According to 13 December 2014, No:29204, "Ministry of Environment and Urbanization; Regulation on Safety data sheets regarding hazardous substances and mixtures; Part I".

MasterSeal P 684

Version 1.0 Revision Date: 13.01.2021 SDS Number: 000000251383 Date of last issue: -
Date of first issue: 13.01.2021

easy to do. Continue rinsing.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P361 + P364 Take off immediately all contaminated clothing and wash it before reuse.
P330 Rinse mouth.
P391 Collect spillage.

Storage:

P403 + P235 Store in a well-ventilated place. Keep cool.
P233 Keep container tightly closed.
P405 Store locked up.

Disposal:

P501 Dispose of contents/container to appropriate hazardous waste collection point.

Hazardous ingredients which must be listed on the label:

n-butanol

xylene

Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis[oxirane]

Additional Labeling:

EUH205 Contains epoxy constituents. May produce an allergic reaction.

2.3 Other hazards

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Vinyl compounds

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
n-butanol	71-36-3 200-751-6 603-004-00-6	Flam. Liq.3; H226 Acute Tox.4; H302 Skin Irrit.2; H315 Eye Dam.1; H318 STOT SE3; H336 STOT SE3; H335	>= 40 - < 50

SAFETY DATA SHEET

According to 13 December 2014, No:29204, "Ministry of Environment and Urbanization; Regulation on Safety data sheets regarding hazardous substances and mixtures; Part I".

MasterSeal P 684

Version 1.0 Revision Date: 13.01.2021 SDS Number: 00000251383 Date of last issue: -
Date of first issue: 13.01.2021

xylene	1330-20-7 215-535-7 601-022-00-9	Flam. Liq.3; H226 Acute Tox.4; H332 Acute Tox.4; H312 Skin Irrit.2; H315	>= 15 - < 20
ethylbenzene	100-41-4 202-849-4 601-023-00-4	Asp. Tox.1; H304 Flam. Liq.2; H225 Acute Tox.4; H332 STOT RE2; H373 Aquatic Chronic3; H412	>= 5 - < 10
1-methoxy-2-propanol	107-98-2 203-539-1 603-064-00-3	Flam. Liq.3; H226 STOT SE3; H336	>= 2,5 - < 5
zinc phosphate	7779-90-0 231-944-3 030-011-00-6	Aquatic Acute1; H400 Aquatic Chronic1; H410 M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1	>= 2,5 - < 5
epoxy resin, molecular weight > 700	25036-25-3	Skin Irrit.2; H315 Eye Irrit.2A; H319 Skin Sens.1; H317	>= 1 - < 2,5
n-Butyl acetate	123-86-4 204-658-1 607-025-00-1	Flam. Liq.3; H226 STOT SE3; H336	>= 1 - < 2,5
isobutyl alcohol	78-83-1 201-148-0 603-108-00-1		>= 1 - < 2,5
urea-formaldehyde polymer, isobutylated	68002-18-6	Aquatic Chronic4; H413	>= 1 - < 2,5
phenol	108-95-2 203-632-7 604-001-00-2	Acute Tox.3; H301 Acute Tox.3; H331 Acute Tox.3; H311 Skin Corr.1B; H314 Eye Dam.1; H318 Muta.2; H341 STOT RE2; H373 Aquatic Chronic2; H411	>= 0,25 - < 0,5

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first-aid measures

- General advice : First aid personnel should pay attention to their own safety.
Immediately remove contaminated clothing.
- If inhaled : Keep patient calm, remove to fresh air.

SAFETY DATA SHEET

According to 13 December 2014, No:29204, "Ministry of Environment and Urbanization; Regulation on Safety data sheets regarding hazardous substances and mixtures; Part I".

MasterSeal P 684

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	13.01.2021	00000251383	Date of first issue: 13.01.2021

If symptoms persist, seek medical advice.

- In case of skin contact : After contact with skin, wash immediately with plenty of water and soap.
Under no circumstances should organic solvent be used.
If irritation develops, seek medical attention.
- In case of eye contact : Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
- If swallowed : Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.
Do not induce vomiting unless told to by a poison control center or doctor.

4.2 Most important symptoms and effects, both acute and delayed

- Risks : Harmful if swallowed, in contact with skin or if inhaled.
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye damage.
May cause respiratory irritation.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : Treat symptomatically.
-

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Dry powder
Alcohol-resistant foam
- Unsuitable extinguishing media : water jet

5.2 Special hazards arising from the substance or mixture

- Specific hazards during fire fighting : Evolution of fumes/fog.
In case of fire hazardous decomposition products may be produced such as:
- Hazardous combustion products : harmful vapours

5.3 Advice for firefighters

- Special protective equipment for fire-fighters : Wear a self-contained breathing apparatus.
- Further information : The degree of risk is governed by the burning substance and

SAFETY DATA SHEET

According to 13 December 2014, No:29204, "Ministry of Environment and Urbanization; Regulation on Safety data sheets regarding hazardous substances and mixtures; Part I".

MasterSeal P 684

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	13.01.2021	00000251383	Date of first issue: 13.01.2021

the fire conditions.
Containers may rocket or explode in heat of fire.
Keep containers cool by spraying with water if exposed to fire.
Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.
Contaminated extinguishing water must be disposed of in accordance with official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective clothing.
Breathing protection required.

6.2 Environmental precautions

Environmental precautions : Prevent spread over a wide area (e.g. by containment or oil barriers).
Contain contaminated water/firefighting water.
Do not discharge into drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Pick up with suitable absorbent material.
Dispose of in accordance with national, state and local regulations.
Large spills should be collected mechanically (remove by pumping) for disposal.

6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Take precautionary measures against static discharges.
Keep away from sources of ignition - No smoking.
Provide good room ventilation even at ground level (vapours are heavier than air).

Advice on protection against fire and explosion : Sources of ignition should be kept well clear. Take precautionary measures against static discharges. Substance/product can form explosive mixture with air. Vapours are heavier than air and may accumulate in low areas and travel a considerable distance up to the source of ignition.

Hygiene measures : No eating, drinking, smoking or tobacco use at the place of work. Handle in accordance with good industrial hygiene and safety practice.

SAFETY DATA SHEET

According to 13 December 2014, No:29204, "Ministry of Environment and Urbanization; Regulation on Safety data sheets regarding hazardous substances and mixtures; Part I".

MasterSeal P 684

Version 1.0 Revision Date: 13.01.2021 SDS Number: 00000251383 Date of last issue: -
Date of first issue: 13.01.2021

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : no smoking Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

Further information on storage conditions : Keep container tightly closed and in a cool place.

Further information on storage stability : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
ethylbenzene	100-41-4	TWA (8 Hour)	100 ppm 442 mg/m ³	TR OEL
		Further information: A skin notation assigned to the OEL identifies the possibility of significant uptake through the skin.		
		STEL 15 min	200 ppm 884 mg/m ³	TR OEL
		TWA	100 ppm 442 mg/m ³	2000/39/EC
		Further information: Identifies the possibility of significant uptake through the skin, Indicative		
		STEL	200 ppm 884 mg/m ³	2000/39/EC
		STEL value	200 ppm 884 mg/m ³	OEL (TR)
		TWA value	100 ppm 442 mg/m ³	OEL (TR)
1-methoxy-2-propanol	107-98-2	TWA (8 Hour)	100 ppm 375 mg/m ³	TR OEL
		Further information: A skin notation assigned to the OEL identifies the possibility of significant uptake through the skin.		
		STEL 15 min	150 ppm 568 mg/m ³	TR OEL
		TWA	100 ppm	2000/39/EC

SAFETY DATA SHEET

According to 13 December 2014, No:29204, "Ministry of Environment and Urbanization; Regulation on Safety data sheets regarding hazardous substances and mixtures; Part I".

MasterSeal P 684

Version 1.0 Revision Date: 13.01.2021 SDS Number: 00000251383 Date of last issue: -
Date of first issue: 13.01.2021

			375 mg/m ³	
	Further information: Identifies the possibility of significant uptake through the skin, Indicative			
		STEL	150 ppm 568 mg/m ³	2000/39/EC
		TWA value	100 ppm 375 mg/m ³	OEL (TR)
		STEL value	150 ppm 568 mg/m ³	OEL (TR)
xylene	1330-20-7	TWA (8 Hour)	50 ppm 221 mg/m ³	TR OEL
	Further information: A skin notation assigned to the OEL identifies the possibility of significant uptake through the skin.			
		STEL 15 min	100 ppm 442 mg/m ³	TR OEL
		TWA	50 ppm 221 mg/m ³	2000/39/EC
	Further information: Identifies the possibility of significant uptake through the skin, Indicative			
		STEL	100 ppm 442 mg/m ³	2000/39/EC
		STEL value	100 ppm 442 mg/m ³	OEL (TR)
		TWA value	50 ppm 221 mg/m ³	OEL (TR)

8.2 Exposure controls

Personal protective equipment

Eye protection : Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Hand protection

Remarks : Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) etc. Manufacturer's directions for use should be observed because of great diversity of types.

Skin and body protection : Body protection must be chosen based on level of activity and exposure.

Respiratory protection : Respiratory protection in case of vapour/aerosol release. Suitable respiratory protection for higher concentrations or long-term effect:
Gas filter for gases/vapours of organic compounds (boiling point <65 °C, f.e. EN 14387 Type AX)

Protective measures : Do not inhale dust/fumes/aerosols.
Avoid contact with the skin, eyes and clothing.
Avoid exposure - obtain special instructions before use.

SAFETY DATA SHEET

According to 13 December 2014, No:29204, "Ministry of Environment and Urbanization; Regulation on Safety data sheets regarding hazardous substances and mixtures; Part I".

MasterSeal P 684

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	13.01.2021	00000251383	Date of first issue: 13.01.2021

Handle in accordance with good building materials hygiene and safety practice.
Wearing of closed work clothing is recommended.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	:	liquid
Color	:	green with yellow reflection
Odor	:	solvent
pH	:	Not applicable
Melting point	:	No data available
Boiling point	:	approx. 108 °C (1.013 hPa)
Flash point	:	approx. 23 °C Method: Flashpoint test using closed cup, determination of flashpoint.
Evaporation rate	:	not determined
Flammability (solid, gas)	:	Flammable. Method: derived from flash point
Upper explosion limit / Upper flammability limit	:	11,5 %(V)
Lower explosion limit / Lower flammability limit	:	1,1 %(V)
Vapor pressure	:	approx. 5 hPa (50 °C)
Relative vapor density	:	not determined
Density	:	approx. 0,9 g/cm ³ (20 °C)
Bulk density	:	(20 °C) Not applicable
Solubility(ies) Water solubility	:	insoluble (20 °C)
Partition coefficient: n-octanol/water	:	not applicable for mixtures
Autoignition temperature	:	No data available

SAFETY DATA SHEET

According to 13 December 2014, No:29204, "Ministry of Environment and Urbanization; Regulation on Safety data sheets regarding hazardous substances and mixtures; Part I".

MasterSeal P 684

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	13.01.2021	00000251383	Date of first issue: 13.01.2021

Decomposition temperature : Vapors may form explosive mixture with air.
No decomposition if stored and handled as prescribed/indicated.

Viscosity
Viscosity, dynamic : approx. 120 mPa.s (23 °C)

Explosive properties : Not explosive
Not explosive

Oxidizing properties : not fire-propagating

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

10.2 Chemical stability

The product is stable if stored and handled as prescribed/indicated.

10.3 Possibility of hazardous reactions

Hazardous reactions : The product is stable if stored and handled as prescribed/indicated.

10.4 Conditions to avoid

Conditions to avoid : Avoid all sources of ignition: heat, sparks, open flame.
Avoid electro-static discharge.
Avoid heat.

See SDS section 7 - Handling and storage.

10.5 Incompatible materials

Materials to avoid : Strong acids
Strong bases
Strong oxidizing agents
Strong reducing agents

10.6 Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

SAFETY DATA SHEET

According to 13 December 2014, No:29204, "Ministry of Environment and Urbanization; Regulation on Safety data sheets regarding hazardous substances and mixtures; Part I".

MasterSeal P 684

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	13.01.2021	00000251383	Date of first issue: 13.01.2021

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Harmful if swallowed, in contact with skin or if inhaled.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitization

Skin sensitization

May cause an allergic skin reaction.

Respiratory sensitization

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

May cause respiratory irritation.

STOT-repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks : Health injuries are not known or expected under normal use. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

SAFETY DATA SHEET

According to 13 December 2014, No:29204, "Ministry of Environment and Urbanization; Regulation on Safety data sheets regarding hazardous substances and mixtures; Part I".

MasterSeal P 684

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	13.01.2021	00000251383	Date of first issue: 13.01.2021

SECTION 12: Ecological information

12.1 Toxicity

Product:

Ecotoxicology Assessment

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

Components:

zinc phosphate:

M-Factor (Acute aquatic toxicity) : 1

M-Factor (Chronic aquatic toxicity) : 1

12.2 Persistence and degradability

Product:

Biodegradability : Remarks: Taking into consideration the properties of several ingredients, the product is estimated not to be readily biodegradable according to OECD classification.

12.3 Bioaccumulative potential

Components:

n-butanol:

Partition coefficient: n-octanol/water : log Pow: 1 (25 °C)
Method: Partition coefficient (n-octanol/water), HPLC method.
GLP: yes

1-methoxy-2-propanol:

Partition coefficient: n-octanol/water : log Pow: -0,43 (25 °C)
Method: other (measured)
GLP: no
Remarks: Information taken from reference works and the literature.

zinc phosphate:

Partition coefficient: n-octanol/water : Remarks: The value has not been determined because the substance is inorganic.

isobutyl alcohol:

Partition coefficient: n-octanol/water : Pow: 10 (25 °C)
log Pow: 1 (25 °C)

SAFETY DATA SHEET

According to 13 December 2014, No:29204, "Ministry of Environment and Urbanization; Regulation on Safety data sheets regarding hazardous substances and mixtures; Part I".

MasterSeal P 684

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	13.01.2021	000000251383	Date of first issue: 13.01.2021

Method: Partition coefficient (n-octanol/water), HPLC method.
GLP: yes

phenol:

Partition coefficient: n-octanol/water

: log Pow: 1,47 (30 °C)
pH: 3 - 8

Method: Partition coefficient (n-octanol/water), HPLC method.
Remarks: Information taken from reference works and the literature.

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Not relevant

12.6 Other adverse effects

Product:

Additional ecological information

: Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	: Observe national and local legal requirements. The waste code in accordance with the European waste catalog (EWC) must be specified in cooperation with disposal agency/manufacturer/authorities. Residues should be disposed of in the same manner as the substance/product.
Contaminated packaging	: Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

SECTION 14: Transport information

14.1 UN number

ADN	: UN 1263
ADR	: UN 1263
RID	: UN 1263

SAFETY DATA SHEET

According to 13 December 2014, No:29204, "Ministry of Environment and Urbanization; Regulation on Safety data sheets regarding hazardous substances and mixtures; Part I".

MasterSeal P 684

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	13.01.2021	000000251383	Date of first issue: 13.01.2021

IMDG : UN 1263

IATA : UN 1263

14.2 UN proper shipping name

ADN : PAINT
(N-BUTANOL, ZINC PHOSPHATE)

ADR : PAINT
(N-BUTANOL, ZINC PHOSPHATE)

RID : PAINT
(N-BUTANOL, ZINC PHOSPHATE)

IMDG : PAINT
(N-BUTANOL, ZINC PHOSPHATE)

IATA : PAINT

14.3 Transport hazard class(es)

ADN : 3

ADR : 3

RID : 3

IMDG : 3

IATA : 3

14.4 Packing group

ADN
Packing group : III
Labels : 3

ADR
Packing group : III
Hazard Identification Number : 30
Labels : 3
Tunnel restriction code : (D/E)

RID
Packing group : III
Hazard Identification Number : 30
Labels : 3

IMDG
Packing group : III
Labels : 3
EmS Code : F-E, S-E

IATA (Cargo)
Packing instruction (cargo aircraft) : 366
Packing group : III
Labels : Flammable Liquids

SAFETY DATA SHEET

According to 13 December 2014, No:29204, "Ministry of Environment and Urbanization; Regulation on Safety data sheets regarding hazardous substances and mixtures; Part I".

MasterSeal P 684

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	13.01.2021	000000251383	Date of first issue: 13.01.2021

IATA (Passenger)

Packing instruction (passenger aircraft)	:	355
Packing group	:	III
Labels	:	Flammable Liquids

14.5 Environmental hazards

ADN

Environmentally hazardous : yes

ADR

Environmentally hazardous : yes

RID

Environmentally hazardous : yes

IMDG

Marine pollutant : yes

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Other regulations:

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

15.2 Chemical Safety Assessment

SECTION 16: Other information

Full text of H-Statements

H225	:	Highly flammable liquid and vapour.
H226	:	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.
H312	:	Harmful in contact with skin.
H314	:	Causes severe skin burns and eye damage.

SAFETY DATA SHEET

According to 13 December 2014, No:29204, "Ministry of Environment and Urbanization; Regulation on Safety data sheets regarding hazardous substances and mixtures; Part I".

MasterSeal P 684

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	13.01.2021	000000251383	Date of first issue: 13.01.2021

H315	: Causes skin irritation.
H317	: May cause an allergic skin reaction.
H318	: Causes serious eye damage.
H319	: Causes serious eye irritation.
H331	: Toxic if inhaled.
H332	: Harmful if inhaled.
H335	: May cause respiratory irritation.
H336	: May cause drowsiness or dizziness.
H341	: Suspected of causing genetic defects.
H373	: May cause damage to organs through prolonged or repeated exposure.
H400	: Very toxic to aquatic life.
H410	: Very toxic to aquatic life with long lasting effects.
H411	: Toxic to aquatic life with long lasting effects.
H412	: Harmful to aquatic life with long lasting effects.
H413	: May cause long lasting harmful effects to aquatic life.

Full text of other abbreviations

Acute Tox.	: Acute toxicity
Aquatic Acute	: Short-term (acute) aquatic hazard
Aquatic Chronic	: Hazardous to the aquatic environment - chronic hazard
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Asp. Tox.	: Aspiration hazard
Eye Dam.	: Serious eye damage
Eye Irrit.	: Eye irritation
Flam. Liq.	: Flammable liquids
Muta.	: Germ cell mutagenicity
Skin Corr.	: Skin corrosion
Skin Irrit.	: Skin irritation
Skin Sens.	: Skin sensitization
STOT RE	: Specific target organ toxicity - repeated exposure
STOT SE	: Specific target organ toxicity - single exposure
2000/39/EC	: Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
OEL (TR)	: Regulation on Protection of Health & Safety Measures from Risks related to Chemical Agents at Work (Turkey)
TR OEL	: Turkey. Chemical Agents at Work - Annex I: Indicative occupational exposure limit values
2000/39/EC / TWA	: Limit Value - eight hours
2000/39/EC / STEL	: Short term exposure limit
OEL (TR) / STEL value	: Short Term Exposure Limit (STEL):
OEL (TR) / TWA value	: Time Weighted Average (TWA):
TR OEL / TWA (8 Hour)	: Measured or calculated in relation to a reference period of eight-hour time-weighted average
TR OEL / STEL 15 min	: A limit value above which exposure should not occur and is related to a 15-minute period, unless otherwise specified

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada)

SAFETY DATA SHEET

According to 13 December 2014, No:29204, "Ministry of Environment and Urbanization; Regulation on Safety data sheets regarding hazardous substances and mixtures; Part I".

MasterSeal P 684

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da); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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