

Safety Data Sheet

MasterEmaco S 6000 PART A also DEGADECK POLY CONCRETE LIQUID

Revision date : 2014/05/15
Version: 4.0

Page: 1/11
(30605653/SDS_GEN_US/EN)

1. Identification

Product identifier used on the label

MasterEmaco S 6000 PART A also DEGADECK POLY CONCRETE LIQUID

Recommended use of the chemical and restriction on use

Recommended use*: for industrial and professional users

* The "Recommended use" identified for this product is provided solely to comply with a US Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:
BASF CORPORATION
100 Park Avenue
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

Emergency telephone number

CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP (4357)

Other means of identification

Chemical family: No data available.

2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Classification of the product

Flam. Liq.	2	Flammable liquid
Skin Corr./Irrit.	2	Skin corrosion/irritation
Skin Sens.	1B	Skin sensitization
Carc.	1B	Carcinogenicity
STOT SE	3 (irritating to respiratory system)	Specific target organ toxicity — single exposure

Safety Data Sheet

MasterEmaco S 6000 PART A also DEGADECK POLY CONCRETE LIQUID

Revision date : 2014/05/15
Version: 4.0

Page: 2/11
(30605653/SDS_GEN_US/EN)

Aquatic Acute

3

Hazardous to the aquatic environment - acute

Label elements

Pictogram:



Signal Word:

Danger

Hazard Statement:

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.
H350	May cause cancer.
H402	Harmful to aquatic life.

Precautionary Statements (Prevention):

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P260	Do not breathe dust/gas/mist/vapours.
P271	Use only outdoors or in a well-ventilated area.
P243	Take precautionary measures against static discharge.
P202	Do not handle until all safety precautions have been read and understood.
P273	Avoid release to the environment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P272	Contaminated work clothing should not be allowed out of the workplace.
P242	Use only non-sparking tools.
P240	Ground/bond container and receiving equipment.
P264	Wash with plenty of water and soap thoroughly after handling.

Precautionary Statements (Response):

P308 + P311	IF exposed or concerned: Call a POISON CENTER or doctor/physician.
P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P303 + P352	IF ON SKIN (on hair): Wash with plenty of soap and water.
P333 + P311	If skin irritation or rash occurs: Call a POISON CENTER or doctor/physician.
P362	Take off contaminated clothing and wash before reuse.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P370 + P378	In case of fire: Use foam or dry powder for extinction.

Precautionary Statements (Storage):

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

Precautionary Statements (Disposal):

Safety Data Sheet

MasterEmaco S 6000 PART A also DEGADECK POLY CONCRETE LIQUID

Revision date : 2014/05/15
Version: 4.0

Page: 3/11
(30605653/SDS_GEN_US/EN)

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

Hazards not otherwise classified

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.

According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Emergency overview

WARNING:

FLAMMABLE LIQUID AND VAPOR.

CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

MAY BE HARMFUL IF SWALLOWED.

MAY CAUSE ALLERGIC SKIN REACTION.

Keep container tightly closed.

Avoid all sources of ignition: heat, sparks, open flame.

3. Composition / Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
80-62-6	$\geq 50.0 - \leq 100.0$ %	Methyl methacrylate
64742-46-7	$\geq 5.0 - < 15.0$ %	Distillates (petroleum), hydrotreated middle
141-32-2	$\geq 3.0 - < 10.0$ %	n-butyl acrylate

According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
80-62-6	$\geq 60.0 - \leq 100.0$ %	Methyl methacrylate
64742-46-7	$\geq 5.0 - \leq 10.0$ %	Distillates (petroleum), hydrotreated middle
141-32-2	$\geq 3.0 - \leq 7.0$ %	n-butyl acrylate
	$\geq 1.0 - \leq 5.0$ %	Proprietary substituted tertiary amine

4. First-Aid Measures

Description of first aid measures

General advice:

First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

Safety Data Sheet

MasterEmaco S 6000 PART A also DEGADECK POLY CONCRETE LIQUID

Revision date : 2014/05/15
Version: 4.0

Page: 4/11
(30605653/SDS_GEN_US/EN)

If on skin:

Immediately wash thoroughly with soap and water, seek medical attention.

If in eyes:

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.

Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Hazards: No applicable information available.

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:
dry powder, alcohol-resistant foam

Unsuitable extinguishing media for safety reasons:
water jet

Special hazards arising from the substance or mixture

Hazards during fire-fighting:
carbon dioxide, carbon monoxide, harmful vapours, nitrogen oxides, fumes/smoke, carbon black

Advice for fire-fighters

Protective equipment for fire-fighting:
Wear a self-contained breathing apparatus.

Further information:

The degree of risk is governed by the burning substance and 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.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Safety Data Sheet

MasterEmaco S 6000 PART A also DEGADECK POLY CONCRETE LIQUID

Revision date : 2014/05/15
Version: 4.0

Page: 5/11
(30605653/SDS_GEN_US/EN)

Use personal protective clothing. Avoid prolonged inhalation. Avoid contact with the skin, eyes and clothing. Avoid all sources of ignition: heat, sparks, open flame.

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.

Methods and material for containment and cleaning up

For large amounts: Pump off product.

For residues: Pick up with inert absorbent material (e.g. sand, earth etc.). Correctly dispose of recovered product immediately.

7. Handling and Storage

Precautions for 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).

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.

Conditions for safe storage, including any incompatibilities

Segregate from foods and animal feeds.

Suitable materials for containers: tin (tinplate)

Further information on storage conditions: Keep container tightly closed and in a well-ventilated place. Keep away from heat. Avoid all sources of ignition: heat, sparks, open flame.

8. Exposure Controls/Personal Protection

Components with occupational exposure limits

Methyl methacrylate	OSHA PEL ACGIH TLV	PEL 100 ppm 410 mg/m ³ ; TWA value 50 ppm ; STEL value 100 ppm ;
n-butyl acrylate	ACGIH TLV	TWA value 2 ppm ;
Distillates (petroleum), hydrotreated middle	OSHA PEL ACGIH TLV	PEL 5 mg/m ³ Mist ; ; Included in the regulation, but with no data values - See the regulation for further details ; Exposure by all routes should be carefully controlled to levels as low as possible. TWA value 5 mg/m ³ Inhalable fraction ;

Advice on system design:

No applicable information available.

Safety Data Sheet

MasterEmaco S 6000 PART A also DEGADECK POLY CONCRETE LIQUID

Revision date : 2014/05/15
Version: 4.0

Page: 6/11
(30605653/SDS_GEN_US/EN)

Personal protective equipment

Respiratory protection:

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

Hand protection:

Wear chemical resistant protective gloves.

Eye protection:

Safety glasses with side-shields.

Body protection:

Body protection must be chosen based on level of activity and exposure., Antistatic apron

General safety and hygiene measures:

Avoid inhalation of dusts/mists/vapours. Avoid contact with the skin, eyes and clothing. Avoid prolonged and/or repeated contact with the skin. Handle in accordance with good building materials hygiene and safety practice. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).

9. Physical and Chemical Properties

Form:	liquid	
Odour:	ester-like	
Odour threshold:	< 1 ppm	
Colour:	colourless	
pH value:		not applicable
Melting point:		No applicable information available.
Boiling point:	approx. 100 °C	
<i>Information on: Methyl methacrylate</i>		
Boiling point:	100.36 °C	(1,013.25 hPa)

Sublimation point:		No applicable information available.
Flash point:	9 °C 48 °F	
<i>Information on: Methyl methacrylate</i>		
Flash point:	10 °C	(DIN 51755, closed cup)

Flammability:	Highly flammable.	
Lower explosion limit:	2.1 %(V)	
<i>Information on: Methyl methacrylate</i>		
Lower explosion limit:		For liquids not relevant for classification and labelling. The lower explosion point may be 5 - 15 °C below the flash point.

Upper explosion limit:	12.5 %(V)	
<i>Information on: Methyl methacrylate</i>		
Upper explosion limit:		For liquids not relevant for classification and labelling.

Vapour pressure:	40 hPa	(20 °C)
Density:	0.93 g/cm ³	(20 °C)
Relative density:		No applicable information available.

Safety Data Sheet

MasterEmaco S 6000 PART A also DEGADECK POLY CONCRETE LIQUID

Revision date : 2014/05/15
Version: 4.0

Page: 7/11
(30605653/SDS_GEN_US/EN)

Bulk density:	not applicable
Vapour density:	No applicable information available.
Partitioning coefficient n-octanol/water (log Pow):	No data available.
Thermal decomposition:	Vapours may form explosive mixture with air. No decomposition if stored and handled as prescribed/indicated.
Viscosity, dynamic:	1 mPa.s (20 °C)
Viscosity, kinematic:	No applicable information available.
Solubility in water:	approx. 16 g/l (20 °C)
Solubility (quantitative):	No applicable information available.
Solubility (qualitative):	No applicable information available.
Evaporation rate:	No applicable information available.
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.

10. Stability and Reactivity

Reactivity

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

Oxidizing properties:

Based on its structural properties the product is not classified as oxidizing.

Chemical stability

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

Possibility of hazardous reactions

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

Conditions to avoid

Avoid all sources of ignition: heat, sparks, open flame.

Incompatible materials

strong oxidizing agents

Hazardous decomposition products

Decomposition products:

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

Thermal decomposition:

Vapours may form explosive mixture with air. No decomposition if stored and handled as prescribed/indicated.

11. Toxicological information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Safety Data Sheet

MasterEmaco S 6000 PART A also DEGADECK POLY CONCRETE LIQUID

Revision date : 2014/05/15
Version: 4.0

Page: 8/11
(30605653/SDS_GEN_US/EN)

Acute toxicity

Assessment of acute toxicity: No applicable information available.

Oral

No applicable information available.

Inhalation

No applicable information available.

Dermal

No applicable information available.

Assessment other acute effects

Assessment of STOT single:

Causes temporary irritation of the respiratory tract.

Irritation / corrosion

Assessment of irritating effects: Skin contact causes irritation.

Sensitization

Assessment of sensitization: Sensitization after skin contact possible.

Chronic Toxicity/Effects

Genetic toxicity

Assessment of mutagenicity: No applicable information available.

Carcinogenicity

Assessment of carcinogenicity: Contains a suspect carcinogen.

Reproductive toxicity

Assessment of reproduction toxicity: No applicable information available.

Teratogenicity

Assessment of teratogenicity: The product has not been tested. The statement has been derived from the properties of the individual components.

Other Information

The product has not been tested. The statement has been derived from the properties of the individual components.

Symptoms of Exposure

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

12. Ecological Information

Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:

Acutely harmful for aquatic organisms.

Safety Data Sheet

MasterEmaco S 6000 PART A also DEGADECK POLY CONCRETE LIQUID

Revision date : 2014/05/15
Version: 4.0

Page: 9/11
(30605653/SDS_GEN_US/EN)

Additional information

Other ecotoxicological advice:
May cause long-term adverse effects in the aquatic environment.

13. Disposal considerations

Waste disposal of substance:

Observe national and local legal requirements. Residues should be disposed of in the same manner as the substance/product.

Container disposal:

Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

14. Transport Information

Land transport

USDOT

Hazard class: 3
Packing group: II
ID number: UN 1993
Hazard label: 3
Proper shipping name: FLAMMABLE LIQUID, N.O.S. (contains METHYLMETHACRYLATE)

Sea transport

IMDG

Hazard class: 3
Packing group: II
ID number: UN 1993
Hazard label: 3
Marine pollutant: NO
Proper shipping name: FLAMMABLE LIQUID, N.O.S. (contains METHYLMETHACRYLATE)

Air transport

IATA/ICAO

Hazard class: 3
Packing group: II
ID number: UN 1993
Hazard label: 3
Proper shipping name: FLAMMABLE LIQUID, N.O.S. (contains METHYLMETHACRYLATE)

15. Regulatory Information

Federal Regulations

Registration status:

Safety Data Sheet

MasterEmaco S 6000 PART A also DEGADECK POLY CONCRETE LIQUID

Revision date : 2014/05/15
Version: 4.0

Page: 10/11
(30605653/SDS_GEN_US/EN)

Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories): Acute; Chronic; Fire; Sudden release of pressure

EPCRA 313:

<u>CAS Number</u>	<u>Chemical name</u>
80-62-6	Methyl methacrylate
141-32-2	n-butyl acrylate

<u>CERCLA RQ</u>	<u>CAS Number</u>	<u>Chemical name</u>
1000 LBS	80-62-6	Methyl methacrylate

State regulations

<u>State RTK</u>	<u>CAS Number</u>	<u>Chemical name</u>
MA, NJ, PA	80-62-6	Methyl methacrylate
MA, NJ, PA	64742-46-7	Distillates (petroleum), hydrotreated middle
MA, NJ, PA	141-32-2	n-butyl acrylate

NFPA Hazard codes:

Health : 2 Fire: 3 Reactivity: 0 Special:

HMIS III rating

Health: 2₃ Flammability: 3 Physical hazard:0

16. Other Information

SDS Prepared by:

BASF NA Product Regulations
SDS Prepared on: 2014/05/15

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION

Safety Data Sheet

MasterEmaco S 6000 PART A also DEGADECK POLY CONCRETE LIQUID

Revision date : 2014/05/15
Version: 4.0

Page: 11/11
(30605653/SDS_GEN_US/EN)

FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.
END OF DATA SHEET