

# Safety Data Sheet

## MasterSeal CR 100 gry PART B also TF100 GRAY PTB

Revision date : 2015/03/03

Page: 1/10

Version: 2.0

(30606040/SDS\_GEN\_US/EN)

### 1. Identification

#### Product identifier used on the label

## MasterSeal CR 100 gry PART B also TF100 GRAY PTB

#### 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

|                   |    |  |
|-------------------|----|--|
| Skin Corr./Irrit. | 1C | Skin corrosion/irritation                          |
| Eye Dam./Irrit.   | 1  | Serious eye damage/eye irritation                  |
| STOT RE           | 2  | Specific target organ toxicity — repeated exposure |
| Aquatic Acute     | 2  | Hazardous to the aquatic environment - acute       |
| Aquatic Chronic   | 2  | Hazardous to the aquatic environment - chronic     |

# Safety Data Sheet

## MasterSeal CR 100 gry PART B also TF100 GRAY PTB

Revision date : 2015/03/03

Page: 2/10

Version: 2.0

(30606040/SDS\_GEN\_US/EN)

### Label elements

Pictogram:



Signal Word:

Danger

Hazard Statement:

H373 May cause damage to organs (Pancreas) through prolonged or repeated exposure.  
H314 Causes severe skin burns and eye damage.  
H401 Toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P273 Avoid release to the environment.  
P260 Do not breathe dust/gas/mist/vapours.  
P264 Wash with plenty of water and soap thoroughly after handling.

Precautionary Statements (Response):

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER or doctor/physician.  
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P391 Collect spillage.

Precautionary Statements (Storage):

P405 Store locked up.

Precautionary Statements (Disposal):

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:

HARMFUL IF ABSORBED THROUGH SKIN.

MAY CAUSE BURNS.

MAY BE HARMFUL IF INHALED.

CONTAINS MATERIAL WHICH CAN CAUSE PANCREAS DAMAGE.

Avoid contact with the skin, eyes and clothing.

# Safety Data Sheet

## MasterSeal CR 100 gry PART B also TF100 GRAY PTB

Revision date : 2015/03/03  
Version: 2.0

Page: 3/10  
(30606040/SDS\_GEN\_US/EN)

Wash thoroughly after handling.  
Keep container tightly closed.

### 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>   |
|-------------------|----------------------|--|
| 9046-10-0         | >= 25.0 - < 50.0 %   | alpha-(2-Aminomethylethyl)-omega-(2-aminomethylethoxy)- poly(oxy(methyl-1,2-ethanediyl)) |
| 68479-98-1        | >= 10.0 - < 15.0 %   | diethylmethylbenzenediamine  |
| 1333-86-4         | >= 1.0 - < 3.0 %     | carbon black   |

#### 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>   |
|-------------------|----------------------|--|
| 9046-10-0         | >= 15.0 - <= 40.0 %  | alpha-(2-Aminomethylethyl)-omega-(2-aminomethylethoxy)- poly(oxy(methyl-1,2-ethanediyl)) |
| 68479-98-1        | >= 7.0 - <= 13.0 %   | diethylmethylbenzenediamine  |
| 1333-86-4         | >= 0.5 - <= 1.5 %    | carbon black   |

### 4. First-Aid Measures

#### Description of first aid measures

##### General advice:

First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.

##### If inhaled:

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

##### If on skin:

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.

##### If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

##### If swallowed:

Rinse mouth immediately and then drink plenty of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.

#### 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

# Safety Data Sheet

## MasterSeal CR 100 gry PART B also TF100 GRAY PTB

Revision date : 2015/03/03

Page: 4/10

Version: 2.0

(30606040/SDS\_GEN\_US/EN)

### Note to physician

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

---

## 5. Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media:  
foam, water spray, dry powder, carbon dioxide

Unsuitable extinguishing media for safety reasons:  
water jet

### Special hazards arising from the substance or mixture

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

### Advice for fire-fighters

Protective equipment for fire-fighting:  
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

### Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

---

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Do not breathe vapour/aerosol/spray mists. Handle in accordance with good building materials hygiene and safety practice.

### Environmental precautions

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

### Methods and material for containment and cleaning up

For small amounts: Pick up with inert absorbent material (e.g. sand, earth etc.). Dispose of contaminated material as prescribed.  
For large amounts: Pump off product.

---

## 7. Handling and Storage

### Precautions for safe handling

Keep away from sources of ignition - No smoking. Keep container tightly sealed. Handle and open container with care.

### Protection against fire and explosion:

The product does not contribute to the spreading of flames, nor is it self combustible, not explosive.

# Safety Data Sheet

## MasterSeal CR 100 gry PART B also TF100 GRAY PTB

Revision date : 2015/03/03

Page: 5/10

Version: 2.0

(30606040/SDS\_GEN\_US/EN)

### Conditions for safe storage, including any incompatibilities

No applicable information available.

Suitable materials for containers: tinned carbon steel (Tinplate)

Further information on storage conditions: Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight. Store protected against freezing.

## 8. Exposure Controls/Personal Protection

### Components with occupational exposure limits

|              |                       |  |
|--------------|-----------------------|--|
| carbon black | OSHA PEL<br>ACGIH TLV | PEL 3.5 mg/m <sup>3</sup> ; TWA value 3.5 mg/m <sup>3</sup> ;<br>TWA value 3.5 mg/m <sup>3</sup> ; TWA value 3 mg/m <sup>3</sup><br>Inhalable fraction ; |
|--------------|-----------------------|--|

### Advice on system design:

No applicable information available.

### Personal protective equipment

#### Respiratory protection:

Wear a NIOSH-certified (or equivalent) respirator as necessary.

#### Hand protection:

Wear chemical resistant protective gloves., Protective glove selection must be based on the user's assessment of the workplace hazards.

#### Eye protection:

Tightly fitting safety goggles (chemical goggles) and face shield.

#### Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

#### General safety and hygiene measures:

Do not inhale gases/vapours/aerosols. Avoid contact with the skin, eyes and clothing. 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:             | amine-like, slight odour |                                      |
| Odour threshold:   |                          | No applicable information available. |
| Colour:            | pigmented                |                                      |
| pH value:          |                          | neutral to slightly alkaline         |
| Melting point:     |                          | No applicable information available. |
| Boiling point:     | 204.44 °C                |                                      |
| Sublimation point: |                          | No applicable information available. |
| Flash point:       | approx. 135 °C           |                                      |
| Flammability:      | not highly flammable     |                                      |

# Safety Data Sheet

## MasterSeal CR 100 gry PART B also TF100 GRAY PTB

Revision date : 2015/03/03

Page: 6/10

Version: 2.0

(30606040/SDS\_GEN\_US/EN)

|   |   |                                      |
|---|---|--------------------------------------|
| Vapour pressure:                                    |   | No applicable information available. |
| Density:  | approx. 1.11 g/cm <sup>3</sup>  | ( 20 °C)                             |
| Relative density:                                   | approx. 1.11  |                                      |
| Bulk density:                                       |   | not applicable                       |
| Vapour density:                                     |   | No applicable information available. |
| Partitioning coefficient n-octanol/water (log Pow): |   | No data available.                   |
| Thermal decomposition:                              | No decomposition if stored and handled as prescribed/indicated.                                   |                                      |
| Viscosity, dynamic:                                 |   | not determined                       |
| Viscosity, kinematic:                               |   | No applicable information available. |
| Solubility in water:                                |   | ( 20 °C) partly soluble              |
| Miscibility with water:                             |   | ( 20 °C) partly miscible             |
| 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.

Corrosion to metals:

Corrosive effects to metal are not anticipated.

### Chemical stability

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

### Possibility of hazardous reactions

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

### Conditions to avoid

See MSDS section 7 - Handling and storage.

### Incompatible materials

zinc, aluminium, oxidizing agents, strong alkalies, acids

### Hazardous decomposition products

Decomposition products:

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

Thermal decomposition:

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.

# Safety Data Sheet

## MasterSeal CR 100 gry PART B also TF100 GRAY PTB

Revision date : 2015/03/03

Page: 7/10

Version: 2.0

(30606040/SDS\_GEN\_US/EN)

### Acute Toxicity/Effects

#### Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. Virtually nontoxic after a single ingestion.

#### Oral

No applicable information available.

#### Inhalation

No applicable information available.

#### Dermal

No applicable information available.

#### Irritation / corrosion

Assessment of irritating effects: Causes burns.

#### Sensitization

Assessment of sensitization: No data available.

### Chronic Toxicity/Effects

#### Repeated dose toxicity

Assessment of repeated dose toxicity: Repeated oral exposure may affect certain organs.

#### Genetic toxicity

Assessment of mutagenicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

#### Carcinogenicity

Assessment of carcinogenicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

#### *Information on: carbon black*

*Assessment of carcinogenicity: IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans). In long-term animal studies in which the substance was given by inhalation in high concentrations, a carcinogenic effect was observed. A clear indication of an increased risk of cancer in humans has so far not been shown. No carcinogenic potential can be deduced from other studies with rats and mice.*

-----

#### Reproductive toxicity

Assessment of reproduction toxicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

#### Teratogenicity

Assessment of teratogenicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

#### Other Information

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

### Symptoms of Exposure

# Safety Data Sheet

## MasterSeal CR 100 gry PART B also TF100 GRAY PTB

Revision date : 2015/03/03  
Version: 2.0

Page: 8/10  
(30606040/SDS\_GEN\_US/EN)

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 toxic for aquatic organisms. May cause long-term adverse effects in the aquatic environment.

### Persistence and degradability

Assessment biodegradation and elimination (H2O)

Inherently biodegradable. The insoluble fraction can be removed by mechanical means in suitable waste water treatment plants.

### Bioaccumulative potential

Assessment bioaccumulation potential

Discharge into the environment must be avoided.

Bioaccumulation potential

No data available.

### Mobility in soil

Assessment transport between environmental compartments

No data available.

### Additional information

Other ecotoxicological advice:

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.

---

## 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: 8

Packing group: II



# Safety Data Sheet

## MasterSeal CR 100 gry PART B also TF100 GRAY PTB

Revision date : 2015/03/03

Page: 9/10

Version: 2.0

(30606040/SDS\_GEN\_US/EN)

ID number: UN 1760  
Hazard label: 8  
Proper shipping name: CORROSIVE LIQUID, N.O.S. (contains POLYOXYPROPYLENEDIAMINE)

### Sea transport

#### IMDG

Hazard class: 8  
Packing group: II  
ID number: UN 1760  
Hazard label: 8  
Marine pollutant: NO  
Proper shipping name: CORROSIVE LIQUID, N.O.S. (contains POLYOXYPROPYLENEDIAMINE)

### Air transport

#### IATA/ICAO

Hazard class: 8  
Packing group: II  
ID number: UN 1760  
Hazard label: 8  
Proper shipping name: CORROSIVE LIQUID, N.O.S. (contains POLYOXYPROPYLENEDIAMINE)

## 15. Regulatory Information

### Federal Regulations

#### Registration status:

Chemical TSCA, US released / listed

**EPCRA 311/312 (Hazard categories):** Acute; Chronic

### State regulations

#### State RTK

MA, NJ, PA

#### CAS Number

1333-86-4

#### Chemical name

carbon black

#### CA Prop. 65:

WARNING: THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

#### NFPA Hazard codes:

Health : 3 Fire: 1 Reactivity: 0 Special:

#### HMIS III rating

Health: 3<sup>+</sup> Flammability: 1 Physical hazard: 0

## 16. Other Information

SDS Prepared by:

# Safety Data Sheet

## MasterSeal CR 100 gry PART B also TF100 GRAY PTB

Revision date : 2015/03/03

Page: 10/10

Version: 2.0

(30606040/SDS\_GEN\_US/EN)

---

BASF NA Product Regulations

SDS Prepared on: 2015/03/03

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 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