

# Safety Data Sheet

## COLOR COAT TB MEDIUM

Revision date : 2015/02/05  
Version: 3.0

Page: 1/11  
(30367616/SDS\_GEN\_US/EN)

### 1. Identification

**Product identifier used on the label**

**COLOR COAT TB MEDIUM**

**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: Coating

---

### 2. Hazards Identification

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

**Classification of the product**

STOT RE	2	Specific target organ toxicity — repeated exposure
Aquatic Acute	3	Hazardous to the aquatic environment - acute
Aquatic Chronic	3	Hazardous to the aquatic environment - chronic

**Label elements**

Pictogram:

# Safety Data Sheet

## COLOR COAT TB MEDIUM

Revision date : 2015/02/05  
Version: 3.0

Page: 2/11  
(30367616/SDS\_GEN\_US/EN)



Signal Word:  
Warning

Hazard Statement:

H373 May cause damage to organs (Kidney) through prolonged or repeated exposure.  
H402 Harmful to aquatic life.  
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P273 Avoid release to the environment.  
P260 Do not breathe dust/gas/mist/vapours.

Precautionary Statements (Response):

P311 Call a POISON CENTER or doctor/physician.

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:

MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

CONTAINS MATERIAL WHICH CAN CAUSE CANCER.

Contains a suspect teratogen.

Avoid contact with the skin, eyes and clothing.

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>
1317-65-3	>= 25.0 - < 50.0 %	Limestone
13463-67-7	>= 10.0 - < 15.0 %	Titanium dioxide
12001-26-2	>= 1.0 - < 3.0 %	Mica-group minerals
107-21-1	>= 1.0 - < 3.0 %	ethylene glycol
9036-19-5	>= 0.1 - < 0.2 %	Poly(oxy-1,2-ethanediyl), .alpha.-[(1,1,3,3-tetramethylbutyl)phenyl]- .omega.-hydroxy-
330-54-1	>= 0.0 - < 0.1 %	diuron
55406-53-6	>= 0.0 - < 0.1 %	Carbamic acid, butyl-, 3-iodo-2-propynyl ester

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

# Safety Data Sheet

## COLOR COAT TB MEDIUM

Revision date : 2015/02/05  
Version: 3.0

Page: 3/11  
(30367616/SDS\_GEN\_US/EN)

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
1317-65-3	>= 15.0 - <= 40.0 %	Limestone
13463-67-7	>= 7.0 - <= 13.0 %	Titanium dioxide
107-21-1	>= 1.0 - <= 5.0 %	ethylene glycol
12001-26-2	>= 0.5 - <= 1.5 %	Mica-group minerals
14808-60-7	>= 0.1 - <= 1.0 %	crystalline silica

---

### 4. First-Aid Measures

#### Description of first aid measures

##### General advice:

Remove contaminated clothing.

##### If inhaled:

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

##### If on skin:

Wash thoroughly with soap and water.

##### If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

##### 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: No significant symptoms are expected due to the non-classification of the product.

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:

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, harmful vapours, nitrogen oxides, fumes/smoke, carbon black

# Safety Data Sheet

## COLOR COAT TB MEDIUM

Revision date : 2015/02/05  
Version: 3.0

Page: 4/11  
(30367616/SDS\_GEN\_US/EN)

### 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. If exposed to fire, keep containers cool by spraying with water. 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

Do not breathe vapour/aerosol/spray mists. Wear eye/face protection. If exposed to high vapour concentration, leave area immediately. Use personal protective clothing. 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

Avoid aerosol formation. Avoid inhalation of mists/vapours. Avoid skin contact. No special measures necessary provided product is used correctly.

### Conditions for safe storage, including any incompatibilities

No applicable information available.

Suitable materials for containers: High density polyethylene (HDPE)

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.

---

## 8. Exposure Controls/Personal Protection

### Components with occupational exposure limits

ethylene glycol	OSHA PEL ACGIH TLV	CLV 50 ppm 125 mg/m <sup>3</sup> ; TLV value 100 mg/m <sup>3</sup> aerosol ; Ceiling Limit
diuron	OSHA PEL ACGIH TLV	TWA value 10 mg/m <sup>3</sup> ; TWA value 10 mg/m <sup>3</sup> ;

# Safety Data Sheet

## COLOR COAT TB MEDIUM

Revision date : 2015/02/05  
Version: 3.0

Page: 5/11  
(30367616/SDS\_GEN\_US/EN)

Limestone	OSHA PEL	PEL 5 mg/m3 Respirable fraction ; PEL 15 mg/m3 Total dust ; TWA value 15 mg/m3 Total dust ; TWA value 5 mg/m3 Respirable fraction ;
Mica-group minerals	OSHA PEL	TWA value 20 millions of particles per cubic foot of air ; TWA value 3 mg/m3 Respirable dust ;
	ACGIH TLV	TWA value 20 millions of particles per cubic foot of air ; TWA value 3 mg/m3 Respirable fraction ;
Titanium dioxide	OSHA PEL	PEL 15 mg/m3 Total dust ; TWA value 10 mg/m3 Total dust ;
	ACGIH TLV	TWA value 10 mg/m3 ;

### Advice on system design:

No applicable information available.

### Personal protective equipment

#### Respiratory protection:

Wear appropriate certified respirator when exposure limits may be exceeded.

#### Hand protection:

Wear chemical resistant protective gloves., Manufacturer's directions for use should be observed because of great diversity of types.

#### Eye protection:

Safety glasses with side-shields.

#### 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. Avoid exposure - obtain special instructions before use. Handle in accordance with good building materials hygiene and safety practice. Wearing of closed work clothing is recommended. 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:	mild	
Odour threshold:		No applicable information available.
Colour:	white	
pH value:	8.9 - 9.5	
Melting point:		No applicable information available.
<i>Information on: Water</i>		
Melting point:	0 °C	
-----		
Boiling point:		No applicable information available.

# Safety Data Sheet

## COLOR COAT TB MEDIUM

Revision date : 2015/02/05  
Version: 3.0

Page: 6/11  
(30367616/SDS\_GEN\_US/EN)

<i>Information on: Water</i>		
Boiling point:	100 °C	
-----		
Sublimation point:		No applicable information available.
Flash point:	> 200 °F > 93.34 °C	
Flammability:	not flammable	
Vapour pressure:		No applicable information available.
<i>Information on: Water</i>		
Vapour pressure:	23.4 hPa	( 20 °C) Literature data.
-----		
Density:	11.9 lb/USg approx. 1.43 g/cm <sup>3</sup>	( 25 °C) ( 25 °C)
Relative density:		No applicable information available.
Partitioning coefficient n-octanol/water (log Pow):		No applicable information available.
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.	
Viscosity, dynamic:	approx. 105 mPa.s	( 23 °C)
Viscosity, kinematic:		No applicable information available.
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.

## 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.

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

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

### Conditions to avoid

See MSDS section 7 - Handling and storage.

### Incompatible materials

strong acids, strong bases, strong oxidizing agents, strong reducing agents

### 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.

# Safety Data Sheet

## COLOR COAT TB MEDIUM

Revision date : 2015/02/05  
Version: 3.0

Page: 7/11  
(30367616/SDS\_GEN\_US/EN)

### 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

##### Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Based on available Data, the classification criteria are not met.

##### Oral

No applicable information available.

##### Inhalation

No applicable information available.

##### Dermal

No applicable information available.

##### Assessment other acute effects

No applicable information available.

##### Irritation / corrosion

Assessment of irritating effects: No irritation is expected under intended use and appropriate handling. Based on available Data, the classification criteria are not met.

##### Sensitization

Assessment of sensitization: Based on available Data, the classification criteria are not met.

#### Chronic Toxicity/Effects

##### Repeated dose toxicity

Assessment of repeated dose toxicity: Repeated or prolonged exposure may result in liver or kidney damage.

##### *Information on: ethylene glycol*

*Assessment of repeated dose toxicity: The substance may cause damage to the kidney after repeated ingestion. The substance may cause damage to the kidney after repeated skin contact with high doses.*

-----

##### 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: crystalline silica*

# Safety Data Sheet

## COLOR COAT TB MEDIUM

Revision date : 2015/02/05  
Version: 3.0

Page: 8/11  
(30367616/SDS\_GEN\_US/EN)

*Assessment of carcinogenicity: In long-term studies in rats and mice in which the substance was given by feed, a carcinogenic effect was not observed. In long-term animal studies in which the substance was given by inhalation in high doses, a carcinogenic effect was observed. The substance and its compounds in the form of respirable dusts/aerosols classified by the German MAK commission as a category 1 carcinogen (substances that cause cancer to humans). A carcinogenic effect cannot safely be ruled out. The inhalation uptake of the alveolar fraction of the fine dust may cause damage to the lungs. The International Agency for Research on Cancer (IARC) has classified this substance as a Group 1 (known) human carcinogen.  
NTP listed carcinogen*

*Information on: Titanium dioxide*

*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 studies in rats in which the substance was given by inhalation, a carcinogenic effect was observed. Tumors were only observed in rats after chronic inhalative exposure to high concentrations which caused sustained lung inflammation. In long-term studies in rats and mice in which the substance was given by feed, a carcinogenic effect was not observed. Dermal exposure is not expected to be carcinogenic.*

-----

### 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.

*Information on: ethylene glycol*

*Assessment of teratogenicity: In animal studies the substance caused malformations when given at high doses.  
However, the relevance of this result for humans is unclear.*

-----

### 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**

No significant symptoms are expected due to the non-classification of the product.

---

## **12. Ecological Information**

### **Toxicity**

Aquatic toxicity

Assessment of aquatic toxicity:

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### **Persistence and degradability**

Assessment biodegradation and elimination (H<sub>2</sub>O)



# Safety Data Sheet

## COLOR COAT TB MEDIUM

Revision date : 2015/02/05  
Version: 3.0

Page: 9/11  
(30367616/SDS\_GEN\_US/EN)

The organic component of the product is biodegradable. The product has not been tested. The statement has been derived from the properties of the individual components.

### Bioaccumulative potential

#### Assessment bioaccumulation potential

Discharge into the environment must be avoided.

### 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:**

Dispose of in accordance with national, state and local regulations. Residues should be disposed of in the same manner as the substance/product. Do not discharge into drains/surface waters/groundwater.

### **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

Not classified as a dangerous good under transport regulations

### **Sea transport**

IMDG

Not classified as a dangerous good under transport regulations

### **Air transport**

IATA/ICAO

Not classified as a dangerous good under transport regulations

---

## 15. Regulatory Information

### Federal Regulations

#### **Registration status:**

Chemical TSCA, US released / listed

# Safety Data Sheet

## COLOR COAT TB MEDIUM

Revision date : 2015/02/05  
Version: 3.0

Page: 10/11  
(30367616/SDS\_GEN\_US/EN)

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

<u>CERCLA RQ</u>	<u>CAS Number</u>	<u>Chemical name</u>
5000 LBS	107-21-1	ethylene glycol
1000 LBS	1336-21-6	Ammonium hydroxide
100 LBS	7664-41-7; 67-63-0; 123-91-1; 330-54-1	ammonia; 2-Propanol; 1,4-dioxane; diuron
10 LBS	75-21-8; 10605-21-7	Ethylene Oxide; carbendazim

### State regulations

<u>State RTK</u>	<u>CAS Number</u>	<u>Chemical name</u>
MA, NJ, PA	1317-65-3	Limestone
MA, NJ, PA	13463-67-7	Titanium dioxide
MA, NJ, PA	107-21-1	ethylene glycol
MA, NJ, PA	12001-26-2	Mica-group minerals
MA, NJ, PA	14808-60-7	crystalline silica

### **CA Prop. 65:**

WARNING: THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

### **NFPA Hazard codes:**

Health : 2      Fire: 1      Reactivity: 0      Special:

### **HMIS III rating**

Health: 2<sup>+</sup>      Flammability: 1      Physical hazard: 0

---

## 16. Other Information

### **SDS Prepared by:**

BASF NA Product Regulations  
SDS Prepared on: 2015/02/05

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

# Safety Data Sheet

## COLOR COAT TB MEDIUM

Revision date : 2015/02/05

Version: 3.0

Page: 11/11

(30367616/SDS\_GEN\_US/EN)

---

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