

# Safety Data Sheet

## 285-25 White DTM Primer

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### 1. Identification

#### Product identifier used on the label

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#### Recommended use of the chemical and restriction on use

Recommended use\*: Paints, Coatings and Related Materials; for industrial use only

Unsuitable for use: Not intended for sale to or use by the general public.

\* The "Recommended use" identified for this product is provided solely to comply with a 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

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### 2. Hazards Identification

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

#### Classification of the product

Skin Corr./Irrit.	2	Skin corrosion/irritation
Eye Dam./Irrit.	2A	Serious eye damage/eye irritation
Skin Sens.	1	Skin sensitization
Carc.	1 (by inhalation)	Carcinogenicity
Aquatic Acute	2	Hazardous to the aquatic environment - acute
Aquatic Chronic	2	Hazardous to the aquatic environment - chronic
Flam. Liq.	2	Flammable liquids
STOT RE	1 (by inhalation)	Specific target organ toxicity — repeated exposure

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STOT RE

2 (by inhalation)

Specific target organ toxicity — repeated exposure

### Label elements

Pictogram:



Signal Word:

Danger

Hazard Statement:

H319	Causes serious eye irritation.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.
H225	Highly flammable liquid and vapour.
H350	May cause cancer by inhalation.
H372	Causes damage to organs (lung) through prolonged or repeated exposure (inhalation).
H373	May cause damage to organs (immune system, kidney) through prolonged or repeated exposure (inhalation).

Precautionary Statements (Prevention):

P280	Wear protective gloves, protective clothing and eye protection or face protection.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P201	Obtain special instructions before use.
P264	Wash contaminated body parts thoroughly after handling.
P281	Use personal protective equipment as required.
P242	Use only non-sparking tools.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P243	Take action to prevent static discharges.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P202	Do not handle until all safety precautions have been read and understood.
P270	Do not eat, drink or smoke when using this product.
P260	Do not breathe dust or mist.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.

Precautionary Statements (Response):

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P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P370 + P378	In case of fire: Use water spray for extinction.
P363	Wash contaminated clothing before reuse.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P321	Specific treatment (see on this label).
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P303 + P361 + P353	IF ON SKIN (or hair): Remove or Take off immediately all contaminated clothing. Rinse skin with water or shower.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P308 + P313	IF exposed or concerned: Get medical advice/attention.
P314	Get medical advice/attention if you feel unwell.
P391	Collect spillage.

#### Precautionary Statements (Storage):

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

#### Precautionary Statements (Disposal):

P501	Dispose of contents and container to hazardous or special waste collection point.
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### Hazards not otherwise classified

No applicable information available.

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## 3. Composition / Information on Ingredients

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

#### Acetone

CAS Number: 67-64-1  
Content (W/W):  $\geq 5.0$  -  $< 7.0\%$   
Synonym: Acetone

#### cumene

CAS Number: 98-82-8  
Content (W/W):  $\geq 0.0$  -  $< 0.1\%$   
Synonym: (1-Methylethyl)benzene; Isopropylbenzene, Cumene

#### 2-heptanone

CAS Number: 110-43-0  
Content (W/W):  $\geq 1.0$  -  $< 3.0\%$   
Synonym: 2-Heptanone; Methyl n-amyl ketone

#### 2,4-pentanedione

CAS Number: 123-54-6  
Content (W/W):  $\geq 1.0$  -  $< 3.0\%$   
Synonym: Acetylacetone

#### n-Butyl acetate

CAS Number: 123-86-4  
Content (W/W):  $\geq 3.0$  -  $< 5.0\%$   
Synonym: n-Butyl acetate

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Propanoic acid, 3-ethoxy-, ethyl ester

CAS Number: 763-69-9

Content (W/W):  $\geq 1.0 - < 3.0\%$

Synonym: 3-Ethoxypropanoic acid ethyl ester; Ethyl 3-ethoxypropionate

Kaolin

CAS Number: 1332-58-7

Content (W/W):  $\geq 1.0 - < 3.0\%$

Synonym: No data available.

Barium sulfate

CAS Number: 7727-43-7

Content (W/W):  $\geq 7.0 - < 10.0\%$

Synonym: Barium sulfate, natural

zinc phosphate

CAS Number: 7779-90-0

Content (W/W):  $\geq 5.0 - < 7.0\%$

Synonym: Trizinc bis(orthophosphate)

Titanium dioxide

CAS Number: 13463-67-7

Content (W/W):  $\geq 7.0 - < 10.0\%$

Synonym: C.I. Pigment White 6

talc

CAS Number: 14807-96-6

Content (W/W):  $\geq 5.0 - < 7.0\%$

Synonym: No data available.

crystalline silica

CAS Number: 14808-60-7

Content (W/W):  $\geq 3.0 - < 5.0\%$

Synonym: No data available.

4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene

CAS Number: 98-56-6

Content (W/W):  $\geq 15.0 - < 20.0\%$

Synonym: No data available.

quartz, crystalline

CAS Number: 14808-60-7

Content (W/W):  $\geq 0.0 - < 0.1\%$

Synonym: No data available.

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## 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). Remove contaminated clothing.

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### **If inhaled:**

Keep patient calm, remove to fresh air. If breathing difficulties develop, aid in breathing and seek immediate medical attention.

### **If on skin:**

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

### **If in eyes:**

Flush with copious amounts of water for at least 15 minutes. Hold eyelids open to facilitate rinsing. If irritation develops, seek medical attention. Seek medical attention.

### **If swallowed:**

Immediate medical attention required. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Do not induce vomiting. Rinse mouth and then drink 200-300 ml of water.

## **Most important symptoms and effects, both acute and delayed**

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.

*Information on: cumene*

*Symptoms: Overexposure may cause:, unconsciousness, coordination disorder, headache, dizziness*

*Information on: 2-heptanone*

*Symptoms: Overexposure may cause:, headache, dizziness, nausea, unconsciousness*

*Information on: 2,4-pentanedione*

*Symptoms: Overexposure may cause:, unconsciousness, vomiting, nausea, headache, dizziness*

*Information on: Propanoic acid, 3-ethoxy-, ethyl ester*

*Symptoms: Overexposure may cause:, unconsciousness, vomiting, lethargy, nausea, headache, dizziness*

*Information on: Kaolin*

*Symptoms: Overexposure may cause:, rhinitis, irritation of the mucous membranes, irritates the eyes and respiratory tract, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps*

*Information on: zinc phosphate*

*Symptoms: No data available.*

*Information on: talc*

*Symptoms: Overexposure may cause:, vomiting, convulsions, cyanosis, irregular breathing, dyspnea*

*Information on: crystalline silica*

*Symptoms: Overexposure may cause:, rhinitis, irritation of the mucous membranes, irritates the eyes and respiratory tract, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps*

*Information on: 4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene*

*Symptoms: Overexposure may cause:, lethargy, nausea, headache, dizziness*

*Information on: quartz, crystalline*

*Symptoms: Overexposure may cause:, rhinitis, irritation of the mucous membranes, irritates the eyes and respiratory tract, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps*

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### 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.

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## 5. Fire-Fighting Measures

### Extinguishing media

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

Unsuitable extinguishing media for safety reasons:  
water jet

### Special hazards arising from the substance or mixture

Hazards during fire-fighting:  
Vapors and/or decomposition products are irritant and/or toxic. If product is heated above decomposition temperature acrid smoke and fumes will be released.

### Advice for fire-fighters

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

### Further information:

Notify proper authorities. Do not flood burning material with water due to potential spreading of fire. Flash fire may occur. Run-off water from fire may cause pollution. Contain contaminated water/firefighting water. Remove product from areas of fire, or otherwise cool sealed containers with water in order to avoid pressure build up due to heat. Vapours are heavier than air and may accumulate in low areas and travel a considerable distance up to the source of ignition.

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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Use antistatic tools. Extinguish sources of ignition nearby and downwind. Avoid prolonged inhalation. Wear suitable personal protective clothing and equipment. Ensure adequate ventilation.

### Environmental precautions

Do not discharge into drains/surface waters/groundwater.

A spill of or in excess of the reportable quantity requires notification to state, local and national emergency authorities.

### Methods and material for containment and cleaning up

Dike spillage. Spills should be contained, solidified, and placed in suitable containers for disposal. Place into appropriately labeled waste containers.

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### 7. Handling and Storage

#### Precautions for safe handling

Handle and open container with care. WARNING: Empty containers may still contain hazardous residue. Use static lines when mixing and transferring material. Do not puncture, drop, or slide containers. Ensure adequate ventilation. Avoid contact with the skin, eyes and clothing.

Proper ventilation and respiratory protection is required when sanding, flame cutting, welding or brazing coated surfaces. Do not apply to hot surfaces.

Protection against fire and explosion:

Risk of explosion if heated under confinement. Use antistatic tools. Exhaust fans should be explosion proof. Avoid all sources of ignition: heat, sparks, open flame. Provide adequate ventilation to remove solvent vapors from lower levels or work areas and to prevent solvent contact with ignition sources. Sealed containers should be protected against heat as this results in pressure build-up.

#### Conditions for safe storage, including any incompatibilities

Segregate from strong bases. Segregate from oxidizing agents. Segregate from incompatible substances. Segregate from strong acids.

Suitable materials for containers: Carbon steel (Iron), tinned carbon steel (Tinplate), Stove-lacquer KNS L-5X, Stove-lacquer Valspar HXR008F red

Further information on storage conditions: Keep container tightly closed. Protect from direct sunlight.

Storage stability:

Consult local fire marshal for storage requirements.

Protect from temperatures above: 49 °C

### 8. Exposure Controls/Personal Protection

#### Components with occupational exposure limits

Acetone	OSHA PEL	PEL 1,000 ppm 2,400 mg/m <sup>3</sup> ; STEL value 1,000 ppm 2,400 mg/m <sup>3</sup> ; TWA value 750 ppm 1,800 mg/m <sup>3</sup> ;
	ACGIH TLV	TWA value 250 ppm ; STEL value 500 ppm ;
cumene	OSHA PEL	Skin Designation ; The substance can be absorbed through the skin. PEL 50 ppm 245 mg/m <sup>3</sup> ; SKIN_FINAL ; The substance can be absorbed through the skin. TWA value 50 ppm 245 mg/m <sup>3</sup> ;
	ACGIH TLV	TWA value 50 ppm ;
2-heptanone	OSHA PEL	PEL 100 ppm 465 mg/m <sup>3</sup> ; TWA value 100 ppm 465 mg/m <sup>3</sup> ;
	ACGIH TLV	TWA value 50 ppm ;
2,4-pentanedione	ACGIH TLV	Skin Designation ; The substance can be absorbed through the skin. TWA value 25 ppm ;
n-Butyl acetate	OSHA PEL	PEL 150 ppm 710 mg/m <sup>3</sup> ; STEL value 200 ppm 950 mg/m <sup>3</sup> ; TWA value 150 ppm 710 mg/m <sup>3</sup> ;
	ACGIH TLV	STEL value 150 ppm ; TWA value 50 ppm ;

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Kaolin	OSHA PEL	PEL 5 mg/m3 Respirable fraction ; PEL 15 mg/m3 Total dust ; TWA value 5 mg/m3 Respirable fraction ; TWA value 10 mg/m3 Total dust ;
	ACGIH TLV	TWA value 2 mg/m3 Respirable fraction ; The value is for particulate matter containing no asbestos and <1% crystalline silica.
Barium sulfate	OSHA PEL	PEL 15 mg/m3 Total dust ; PEL 5 mg/m3 Respirable fraction ;
	ACGIH TLV	TWA value 5 mg/m3 Inhalable fraction ; The value is for particulate matter containing no asbestos and <1% crystalline silica.
Titanium dioxide	OSHA PEL	PEL 15 mg/m3 Total dust ; TWA value 10 mg/m3 Total dust ;
	ACGIH TLV	TWA value 10 mg/m3 ;
talc	ACGIH TLV	TWA value 2 mg/m3 Respirable fraction ; The value is for particulate matter containing no asbestos and <1% crystalline silica.
crystalline silica	OSHA PEL	TWA value 0.05 mg/m3 (Respirable dust); OSHA Action level 0.025 mg/m3 (Respirable dust);
	ACGIH TLV	TWA value 0.025 mg/m3 Respirable fraction ;
quartz, crystalline	OSHA PEL	TWA value 0.05 mg/m3 (Respirable dust); OSHA Action level 0.025 mg/m3 (Respirable dust);
	ACGIH TLV	TWA value 0.025 mg/m3 Respirable fraction ;

### **Advice on system design:**

Provide local exhaust ventilation to maintain recommended P.E.L.  
General mechanical ventilation should comply with OSHA 1910.94.

### **Personal protective equipment**

#### **Respiratory protection:**

Do not exceed the maximum use concentration for the respirator facepiece/cartridge combination. Wear a NIOSH-certified (or equivalent) organic vapour respirator. Particulate filters should be added during spray operations. Wear respiratory protection if ventilation is inadequate.

#### **Hand protection:**

Use appropriate chemically impervious gloves as determined by an evaluation of glove performance characteristics and the hazards and potential hazards identified, including but not limited to butyl, natural and synthetic rubber, nitrile, or neoprene.

#### **Eye protection:**

Wear face shield if splashing hazard exists. Tightly fitting safety goggles (chemical goggles).



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### Body protection:

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

### General safety and hygiene measures:

Work place should be equipped with a shower and an eye wash. Remove contaminated clothing. Remove contaminated clothing immediately and clean before re-use or dispose it if necessary. Contact lenses should not be worn. Hands and/or face should be washed before breaks and at the end of the shift.

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## 9. Physical and Chemical Properties

Form:	liquid	
Odour:	of the solvent contained in the product	
Odour threshold:	No applicable information available.	
Colour:	white	
pH value:	No applicable information available.	
Melting point:	No applicable information available.	
Freezing point:	No applicable information available.	
Boiling range:	56.00 - 3,000.00 °C 132.80 - 5,432.00 °F	
Sublimation point:	No applicable information available.	
Flash point:	2.22 °C 36.00 °F	
Flammability:	No applicable information available.	
Lower explosion limit:	0.90 %(V)	
Upper explosion limit:	12.80 %(V)	
Autoignition:	No applicable information available.	
Vapour pressure:	No applicable information available.	
Density:	1.6009 g/cm <sup>3</sup> ( 20 °C)	(calculated)
	13.3600 lb/USg	(calculated)
Relative density:	1.6009 ( 20 °C)	
Vapour density:	No applicable information available.	
Partitioning coefficient n-octanol/water (log Pow):	No applicable information available.	
Thermal decomposition:	No applicable information available.	
Viscosity, dynamic:	No applicable information available.	
Viscosity, kinematic:	No applicable information available.	
Solubility in water:	No applicable information available.	
Solubility (quantitative):	No applicable information available.	
Solubility (qualitative):	No applicable information available.	
Molar mass:	No applicable information available.	
Evaporation rate:	No applicable information available.	

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## 10. Stability and Reactivity

### Reactivity

No applicable information available.

### Chemical stability

The product is chemically stable.

### Possibility of hazardous reactions

No applicable information available.

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### Conditions to avoid

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

### Incompatible materials

strong oxidizing agents, strong bases, strong acids

### Hazardous decomposition products

Decomposition products:  
carbon dioxide, carbon monoxide

Thermal decomposition:  
No applicable information available.

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

#### *Information on: Acetone*

*Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact. High concentrations in the air may cause narcosis.*

#### *Information on: cumene*

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

#### *Information on: 2-heptanone*

*Assessment of acute toxicity: Of moderate toxicity after short-term inhalation. Of moderate toxicity after single ingestion. Virtually nontoxic after a single skin contact.*

#### *Information on: 2,4-pentanedione*

*Assessment of acute toxicity: Of moderate toxicity after single ingestion. Of pronounced toxicity after short-term skin contact. Of pronounced toxicity after short-term inhalation.*

#### *Information on: Propanoic acid, 3-ethoxy-, ethyl ester*

*Assessment of acute toxicity: Of low toxicity after single ingestion. The inhalation of a highly enriched/saturated vapor-air-mixture represents an unlikely acute hazard.*

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Assessment other acute effects

No applicable information available.

#### Irritation / corrosion

Assessment of irritating effects: Eye contact causes irritation. Skin contact causes irritation.

*Information on: Acetone*

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*Assessment of irritating effects: Irritating to eyes. Not irritating to the skin. Repeated exposure may cause skin dryness or cracking.*

*Information on: cumene*

*Assessment of irritating effects: Not irritating to the skin. Not irritating to the eyes. Causes temporary irritation of the respiratory tract.*

*Information on: 2-heptanone*

*Assessment of irritating effects: Not irritating to the eyes. May cause slight irritation to the skin.*

*Information on: n-Butyl acetate*

*Assessment of irritating effects: Not irritating to the skin. Not irritating to the eyes.  
Not irritating to the skin. May cause slight irritation to the eyes.*

*Information on: Kaolin*

*Assessment of irritating effects: Not irritating to the skin. May cause slight irritation to the eyes.*

*Information on: 4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene*

*Assessment of irritating effects: May cause slight irritation to the skin. Not irritating to the eyes.*

### Sensitization

Assessment of sensitization: Sensitization after skin contact possible.

*Information on: 2,4-pentanedione*

*Assessment of sensitization:*

*The chemical structure suggests a sensitizing effect.*

### Aspiration Hazard

No applicable information available.

## Chronic Toxicity/Effects

### Repeated dose toxicity

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

*Information on: Acetone*

*Assessment of repeated dose toxicity: The substance may cause damage to the testes after repeated ingestion of high doses, as shown in animal studies. The substance may cause damage to the hematological system after repeated ingestion of high doses. The substance may cause damage to the kidney after repeated ingestion of high doses, as shown in animal studies.*

*Information on: 2,4-pentanedione*

*Assessment of repeated dose toxicity: Repeated inhalation exposure to large quantities may affect certain organs. Damages the central nerve system.*

*Information on: n-Butyl acetate*

*Assessment of repeated dose toxicity: After repeated exposure the prominent effect is local irritation.*

*Information on: Kaolin*

*Assessment of repeated dose toxicity: Repeated inhalative uptake of particles/dust reaching the alveoli may cause damage to the lungs.*

*Information on: Barium sulfate*

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*Assessment of repeated dose toxicity: The substance may cause damage to the kidney after repeated ingestion of high doses, as shown in animal studies. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition. The substance may cause increase in lung mass and lung tissue changes after repeated inhalation.*

*Information on: Titanium dioxide*

*Assessment of repeated dose toxicity: Repeated oral uptake of the substance did not cause substance-related effects. The substance may cause increase in lung mass and lung tissue changes after repeated inhalation.*

*Information on: crystalline silica*

*Assessment of repeated dose toxicity: The substance may cause increase in lung mass and lung tissue changes after repeated inhalation.*

*This product may contain greater than 0.1% crystalline silica. Repeated exposure to high concentrations results in silicosis, a lung disease characterized by coughing, difficult breathing, wheezing, scarring of the lungs, and repeated, non-specific chest illnesses.*

*OSHA (Occupational Safety and Health Administration) has classified this substance as harmful to the lung, kidney and immune system following repeated inhalation exposure.*

*Information on: 4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene*

*Assessment of repeated dose toxicity: Repeated exposure to the substance by oral administration leads to effects similar to those found after single exposure. Repeated exposure to the substance by inhalative administration leads to effects similar to those found after single exposure.*

*May affect the liver and kidneys as indicated in animal studies. Overexposure may cause blood abnormalities.*

*Information on: quartz, crystalline*

*Assessment of repeated dose toxicity: The substance may cause increase in lung mass and lung tissue changes after repeated inhalation.*

*This product may contain greater than 0.1% crystalline silica. Repeated exposure to high concentrations results in silicosis, a lung disease characterized by coughing, difficult breathing, wheezing, scarring of the lungs, and repeated, non-specific chest illnesses.*

*OSHA (Occupational Safety and Health Administration) has classified this substance as harmful to the lung, kidney and immune system following repeated inhalation exposure.*

### Genetic toxicity

Assessment of mutagenicity: No applicable information available.

### Carcinogenicity

Assessment of carcinogenicity: May cause cancer.

*Information on: cumene*

*Assessment of carcinogenicity: Indication of possible carcinogenic effect in animal tests. The effect is caused by an animal specific mechanism that has no human counter part. A clear indication of an increased risk of cancer in humans has so far not been shown. IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans).*

*Information on: Kaolin*

*Assessment of carcinogenicity: The American Conference of Governmental Industrial Hygienists (ACGIH) has classified this substance as Group A4 - Not classifiable as human 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*

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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.

### *Information on: crystalline silica*

*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*

*OSHA (Occupational Safety and Health Administration) has classified this substance as carcinogenic.*

### *Information on: quartz, crystalline*

*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*

*OSHA (Occupational Safety and Health Administration) has classified this substance as carcinogenic.*

### Reproductive toxicity

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

### *Information on: Acetone*

*Assessment of reproduction toxicity: As shown in animal studies, the product may cause damage to the testes after repeated high exposures that cause other toxic effects.*

### *Information on: Kaolin*

*Assessment of reproduction toxicity: The potential to impair fertility cannot be excluded when given at maternally toxic doses.*

### Teratogenicity

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

### *Information on: 2,4-pentanedione*

*Assessment of teratogenicity: The substance did not cause malformations in animal studies. When given in high doses fetotoxicity was observed.*

*The substance did not cause malformations in animal studies; however, toxicity to development was observed at doses that were toxic to the parental animals.*

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### 12. Ecological Information

#### Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:

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

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### 13. Disposal considerations

#### Waste disposal of substance:

Do not incinerate closed containers. The use and processing of this product, or addition of other constituents, may cause it to be considered a hazardous waste. Do not discharge into drains/surface waters/groundwater.

Incinerate or dispose of in a RCRA-licensed facility. Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

#### Container disposal:

WARNING: Empty containers may still contain hazardous residue.

Dispose of in accordance with national, state and local regulations.

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### 14. Transport Information

#### Land transport

USDOT

Hazard class: 3  
Packing group: II  
ID number: UN 1263  
Hazard label: 3  
Proper shipping name: PAINT

#### Sea transport

IMDG

Hazard class: 3  
Packing group: II  
ID number: UN 1263  
Hazard label: 3  
Marine pollutant: NO  
Proper shipping name: PAINT

#### Air transport

IATA/ICAO

Hazard class: 3  
Packing group: II  
ID number: UN 1263  
Hazard label: 3  
Proper shipping name: PAINT

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### 15. Regulatory Information

#### Federal Regulations

##### Registration status:

Chemical TSCA, US released / listed

**EPCRA 311/312 (Hazard categories):** Refer to SDS section 2 for GHS hazard classes applicable for this product.

##### EPCRA 313:

<u>CAS Number</u>	<u>Chemical name</u>
7779-90-0	zinc phosphate

#### State regulations

<u>State RTK</u>	<u>CAS Number</u>	<u>Chemical name</u>
NJ	67-64-1	Acetone
	110-43-0	2-heptanone
	123-54-6	2,4-pentanedione
	123-86-4	n-Butyl acetate
	1332-58-7	Kaolin
	7727-43-7	Barium sulfate
	7779-90-0	zinc phosphate
	13463-67-7	Titanium dioxide
	14807-96-6	talc
	14808-60-7	crystalline silica
PA	98-56-6	4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene
	67-64-1	Acetone
	110-43-0	2-heptanone
	123-54-6	2,4-pentanedione
	123-86-4	n-Butyl acetate
	1332-58-7	Kaolin
	7727-43-7	Barium sulfate
	13463-67-7	Titanium dioxide
14807-96-6	talc	
14808-60-7	crystalline silica	

#### **Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:**

**WARNING:** This product can expose you to chemicals including BENZENE, 1-CHLORO-4-(TRIFLUOROMETHYL)-, which is known to the State of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

#### **NFPA Hazard codes:**

Health: 2      Fire: 3      Reactivity: 0      Special:

#### **HMIS III rating**

Health: 2 $\square$       Flammability: 3      Physical hazard: 0

### 16. Other Information

#### **SDS Prepared by:**

BASF NA Product Regulations

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