

# Safety Data Sheet

## Acronal® P 5033

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Version: 2.0

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(30505265/SDS\_GEN\_US/EN)

### 1. Identification

#### Product identifier used on the label

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

Recommended use\*: Raw material; for industrial use only

Suitable for use in industrial sector: chemical industry

\* 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: Polymer

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### 2. Hazards Identification

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

#### Classification of the product

Combustible Dust                  Combustible Dust (1)                  Combustible Dust

#### Label elements

Signal Word:  
Warning

Hazard Statement:

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May form combustible dust concentration in air.

### Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered.

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

### Emergency overview

#### CAUTION:

Long term excessive exposure may cause Talcosis, a pulmonary fibrosis leading to permanent damage to lungs.

Avoid inhalation of dusts.

Use with local exhaust ventilation.

Wear suitable protective clothing, gloves and eye/face protection.

## 3. Composition / Information on Ingredients

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

This product does not contain any components classified as hazardous under the referenced regulation.

**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>
Trade Secret	70.0 - 90.0 %	Acrylic polymer
Trade Secret	5.0 - 10.0 %	Metal salt compound
14807-96-6	0.0 - 5.0 %	talc
Trade Secret	0.0 - 5.0 %	Proprietary manganese compounds

## 4. First-Aid Measures

### Description of first aid measures

#### General advice:

Remove contaminated clothing.

#### If inhaled:

Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.

#### If on skin:

Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

#### If in eyes:

Flush with copious amounts of water for at least 15 minutes. If irritation develops, seek medical attention.

#### If swallowed:

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

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### 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 hazards anticipated.

### Indication of any immediate medical attention and special treatment needed

#### Note to physician

Treatment: Symptomatic treatment (decontamination, vital functions).

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## 5. Fire-Fighting Measures

### Extinguishing media

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

### Special hazards arising from the substance or mixture

Hazards during fire-fighting:  
No particular hazards known.

### Advice for fire-fighters

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

### Further information:

Dusty conditions may ignite explosively in the presence of an ignition source causing flash fire.

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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Wear appropriate respiratory protection. Use personal protective clothing. Ensure adequate ventilation. Avoid dust formation. Sources of ignition should be kept well clear.

### Environmental precautions

Do not release untreated into natural waters.

### Methods and material for containment and cleaning up

For small amounts: Pick up in dry form. Dispose of absorbed material in accordance with regulations.  
For large amounts: Pick up in dry form. Dispose of absorbed material in accordance with regulations.

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## 7. Handling and Storage

### Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

Avoid dust formation. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

Protection against fire and explosion:



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### Personal protective equipment

#### **Respiratory protection:**

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator as needed. Wear respiratory protection if ventilation is inadequate.

#### **Hand protection:**

Chemical resistant protective gloves

#### **Eye protection:**

Tightly fitting safety goggles (chemical goggles).

#### **General safety and hygiene measures:**

Wear protective clothing as necessary to prevent contact. Avoid inhalation of dusts/mists/vapours. Hands and/or face should be washed before breaks and at the end of the shift. Avoid contact with skin and eyes. Wash soiled clothing immediately.

## 9. Physical and Chemical Properties

Form:	powder	
Odour:	faint odour	
Odour threshold:		No data available.
Colour:	light brown	
pH value:	6.5 - 8.5	( 300 g/l, 23 °C) (DIN ISO 976)
softening temperature:		not applicable
Boiling range:		not applicable
Flash point:	220 °C	
Flammability:	not determined	
Lower explosion limit:		not determined
Upper explosion limit:		not determined
Autoignition:	390 °C	(VDI 2263, sheet 1, 2.6)
Vapour pressure:		not applicable
Density:		No data available.
Relative density:		No data available.
Bulk density:	450 - 600 kg/m <sup>3</sup>	
Vapour density:		not applicable
Partitioning coefficient n-octanol/water (log Pow):		not applicable
Self-ignition temperature:	228 °C	(VDI 2263, sheet 1, 1.4.1)
Thermal decomposition:	No decomposition if used correctly.	
Viscosity, dynamic:		not applicable, the product is a solid
Solubility in water:		partly soluble
Miscibility with water:		No data available.
Evaporation rate:		not applicable

## 10. Stability and Reactivity

### **Reactivity**

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

Oxidizing properties:  
not fire-propagating

Minimum ignition energy:

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> 10 - < 30 mJ, Inductivity: 1 mH (DIN EN 13821)

### Chemical stability

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

### Possibility of hazardous reactions

Dust explosion hazard.

### Conditions to avoid

Avoid extreme heat. Avoid electro-static charge. Avoid dust formation.

### Incompatible materials

No substances known that should be avoided.

### Hazardous decomposition products

Decomposition products:

Hazardous decomposition products: No data available.

Thermal decomposition:

No decomposition if used correctly.

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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: Virtually nontoxic after a single ingestion.

Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. The product has not been tested. The statement has been derived from the properties of the individual components.

#### Oral

Type of value: LD50

Species: rat

Value: > 2,000 mg/kg (OECD Guideline 423)

#### Inhalation

Type of value: ATE

Value: > 5 mg/l

Determined for dust

#### Dermal

Type of value: ATE

Value: > 5,000 mg/kg

#### Irritation / corrosion

Assessment of irritating effects: Not irritating to eyes and skin. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

#### Eye

Species: rabbit

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Result: non-irritant  
Method: OECD Guideline 405

### Sensitization

Assessment of sensitization: Skin sensitizing effects were not observed in animal studies. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

### **Chronic Toxicity/Effects**

#### Repeated dose toxicity

Assessment of repeated dose toxicity: The substance may cause damage to the lung after repeated inhalation of high doses. The product has not been tested. The statement has been derived from the properties of the individual components.

#### Genetic toxicity

Assessment of mutagenicity: The substance was not mutagenic in bacteria.

#### Carcinogenicity

Assessment of carcinogenicity: The whole of the information assessable provides no indication of a carcinogenic effect.

#### Reproductive toxicity

Assessment of reproduction toxicity: Not expected to cause reproductive toxicity (based on composition).

#### Teratogenicity

Assessment of teratogenicity: The data available for an assessment of the effect of the substance on developmental toxicity are not sufficient for a proper evaluation.

#### 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.

### **Symptoms of Exposure**

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

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## 12. Ecological Information

### **Toxicity**

#### Aquatic toxicity

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

### **Microorganisms/Effect on activated sludge**

#### Toxicity to microorganisms

Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

### **Persistence and degradability**

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

The product can be virtually eliminated from water by abiotic processes e.g. adsorption onto activated sludge.

### **Bioaccumulative potential**

#### Assessment bioaccumulation potential

The product has not been tested.

### **Mobility in soil**

#### Assessment transport between environmental compartments

No data available.

### **Additional information**

Other ecotoxicological advice:

Do not release untreated into natural waters. The local regulations on waste-water treatment must be followed.

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## 13. Disposal considerations

### **Waste disposal of substance:**

Dispose of in accordance with national, state and local regulations. Do not discharge into drains/surface waters/groundwater.

### **Container disposal:**

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

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## 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

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## 15. Regulatory Information

### **Federal Regulations**

#### **Registration status:**

Chemical TSCA, US released / listed



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**EPCRA 311/312 (Hazard categories):** Fire (Combustible Dust);

### State regulations

<u>State RTK</u>	<u>CAS Number</u>	<u>Chemical name</u>
MA, NJ, PA	14807-96-6	talc

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

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

### **NFPA Hazard codes:**

Health : 1      Fire: 1      Reactivity: 0      Special:

### **HMIS III rating**

Health: 1<sup>□</sup>      Flammability: 1      Physical hazard: 0

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## 16. Other Information

### **SDS Prepared by:**

BASF NA Product Regulations  
SDS Prepared on: 2014/09/30

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