



# Safety Data Sheet

## Ttek PRO 112 Acryl Ctng 12Yr

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(30733216/SDS\_GEN\_US/EN)

### 1. Identification

**Product identifier used on the label**

**Ttek PRO 112 Acryl Ctng 12Yr**

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

Recommended use\*: Use in Coatings

\* 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**

Chemical family: Aqueous solution based on: inorganic compounds, polymers

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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 Sens.	1	Skin sensitization
Aquatic Acute	2	Hazardous to the aquatic environment - acute
Aquatic Chronic	2	Hazardous to the aquatic environment - chronic

**Label elements**

Pictogram:

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Signal Word:  
Warning

Hazard Statement:

H317 May cause an allergic skin reaction.  
H401 Toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P280 Wear protective gloves.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P273 Avoid release to the environment.  
P272 Contaminated work clothing should not be allowed out of the workplace.

Precautionary Statements (Response):

P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.  
P333 + P311 If skin irritation or rash occurs: Call a POISON CENTER or doctor/physician.  
P362 + P364 Take off contaminated clothing and wash it before reuse.  
P391 Collect spillage.

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.

Labeling of special preparations (GHS):

Product contains the following components and may cause an allergic skin reaction: The substance may cause sensitization of the skin in particularly sensitive individuals. Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. 2-octyl-4-isothiazol-3-ones

### 3. Composition / Information on Ingredients

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

<u>CAS Number</u>	<u>Weight %</u>	<u>Chemical name</u>
1317-65-3	>= 25.0 - < 50.0%	Limestone
13463-67-7	>= 5.0 - < 7.0%	Titanium dioxide
1314-13-2	>= 1.0 - < 3.0%	Zinc oxide
25265-77-4	>= 1.0 - < 3.0%	2-Methylpropanoic acid monoester with 2,2,4-trimethylpentane-1,3-diol
26530-20-1	>= 0.1 - < 0.2%	2-octyl-4-isothiazol-3-ones
1336-21-6	>= 0.0 - < 0.2%	Ammonium hydroxide

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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. Remove contaminated clothing.

##### If inhaled:

No applicable information available.

##### If on skin:

Wash thoroughly with soap and water. 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 and then drink 200-300 ml of water. Do not induce vomiting.

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

Symptoms: 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.

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.

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### 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:

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

See MSDS section 10 - Stability and reactivity.

#### Advice for fire-fighters

Protective equipment for fire-fighting:

Wear a self-contained breathing apparatus.

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### 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. 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: Sweep/shovel up. Dispose of absorbed material in accordance with regulations.  
For large amounts: Sweep/shovel up. Dispose of absorbed material in accordance with regulations.

## 7. Handling and Storage

### Precautions for safe handling

Avoid contact with the skin, eyes and clothing.

Protection against fire and explosion:

Keep away from sources of ignition - No smoking. The relevant fire protection measures should be noted.

### Conditions for safe storage, including any incompatibilities

Segregate from incompatible substances.

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

## 8. Exposure Controls/Personal Protection

### Components with occupational exposure limits

Zinc oxide	OSHA PEL	PEL 15 mg/m <sup>3</sup> Total dust ; PEL 5 mg/m <sup>3</sup> Respirable fraction ; PEL 5 mg/m <sup>3</sup> fumes/smoke ; TWA value 5 mg/m <sup>3</sup> fumes/smoke ; TWA value 5 mg/m <sup>3</sup> Respirable fraction ; TWA value 10 mg/m <sup>3</sup> Total dust ; STEL value 10 mg/m <sup>3</sup> fumes/smoke ;
	ACGIH TLV	TWA value 2 mg/m <sup>3</sup> Respirable fraction ; STEL value 10 mg/m <sup>3</sup> Respirable fraction ;
Limestone	OSHA PEL	PEL 5 mg/m <sup>3</sup> Respirable fraction ; PEL 15 mg/m <sup>3</sup> Total dust ; TWA value 5 mg/m <sup>3</sup> Respirable fraction ; TWA value 15 mg/m <sup>3</sup> Total dust ;
Ammonium hydroxide	OSHA PEL	PEL 50 ppm 35 mg/m <sup>3</sup> ; STEL value 35 ppm 27 mg/m <sup>3</sup> ;

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	ACGIH TLV	STEL value 35 ppm ; TWA value 25 ppm ;
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:

Wear appropriate respiratory protection.

### Personal protective equipment

#### Hand protection:

Wear chemical resistant protective gloves.

#### General safety and hygiene measures:

Avoid contact with the skin, eyes and clothing. No special measures necessary if stored and handled correctly. 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:	paste
Odour:	slight odour
Odour threshold:	No applicable information available.
Colour:	white
pH value:	9
Melting point:	No applicable information available.
Boiling point:	No applicable information available.
Sublimation point:	No applicable information available.
Flash point:	No applicable information available.
Flammability:	No applicable information available.
Lower explosion limit:	No applicable information available.
Upper explosion limit:	No applicable information available.
Autoignition:	No applicable information available.
Vapour pressure:	No applicable information available.
Density:	approx. 1.34 g/cm <sup>3</sup> ( 20 °C)
Relative density:	No applicable information available.
Vapour 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:	No applicable information available.
Viscosity, kinematic:	No applicable information available.
Solubility in water:	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.

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### 10. Stability and Reactivity

#### Reactivity

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

#### 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.

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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. 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

Based on available Data, the classification criteria are not met.

##### 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

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Assessment of sensitization: May cause sensitization by skin contact. The product contains 2-n-octyl-4-isothiazolin-3-one (CAS-No.: 26530-20-1).

The substance may cause sensitization of the skin in particularly sensitive individuals. Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

### Aspiration Hazard

No aspiration hazard expected.

## Chronic Toxicity/Effects

### Repeated dose toxicity

Assessment of repeated dose toxicity: Repeated 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: 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.*

#### *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.*

### Reproductive toxicity

Assessment of reproduction toxicity: No applicable information available.

### 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

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.

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### 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 (H<sub>2</sub>O)  
Inherently biodegradable. The insoluble fraction can be removed by mechanical means in suitable waste water treatment plants.  
The polymer component of the product is poorly biodegradable.

#### 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.

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### 13. Disposal considerations

**Waste disposal of substance:**  
Dispose of in accordance with local authority regulations. Do not discharge into drains/surface waters/groundwater.

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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

**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>
1314-13-2	Zinc oxide

#### State regulations

<u>State RTK</u>	<u>CAS Number</u>	<u>Chemical name</u>
NJ	1314-13-2	Zinc oxide
	1317-65-3	Limestone
	13463-67-7	Titanium dioxide
	64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic
PA	1314-13-2	Zinc oxide
	1317-65-3	Limestone
	13463-67-7	Titanium dioxide

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

**WARNING:** This product can expose you to chemicals including ETHYLENE OXIDE, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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

Health: 2      Fire: 0      Reactivity: 0      Special:

### 16. Other Information

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

BASF NA Product Regulations  
SDS Prepared on: 2019/09/26

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