

## SCONA TPKD 8304 PCC

Version 1

Revision Date 04/25/2023

Print Date 01/06/2026

### SECTION 1. IDENTIFICATION

Product name : SCONA TPKD 8304 PCC

#### Manufacturer or supplier's details

Company : BYK USA LLC  
524 South Cherry Street  
Wallingford CT 06492

Telephone : (203) 265-2086  
Visit our web site : [www.byk.com](http://www.byk.com)  
E-mail address : [BRIEF.BYK.NAFTA@altana.com](mailto:BRIEF.BYK.NAFTA@altana.com)

Emergency telephone number : 203-265-2086; CHEMTREC 1-800-424-9300 / +1  
703-527-3887

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

Recommended use : Adhesion promoter, compatibilizer and Toughness modifier  
Restrictions on use : Refer to Section 15 for any restrictions that may apply

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Not a hazardous substance or mixture.

#### GHS label elements

Not a hazardous substance or mixture.

#### Other hazards

Contaminated surfaces will be extremely slippery.  
Take precautionary measures against static discharges.  
Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.  
Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapours.

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity: 100 %

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Polymer  
Chemical nature : Modified Styrene-Ethylene/Butylene Styrene block copolymers

#### Hazardous components

Component	CAS-No.	Concentration (%)
Silica, amorphous	7631-86-9	>= 0.1 - < 1

### SECTION 4. FIRST AID MEASURES

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General advice	: Do not leave the victim unattended.
If inhaled	: If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	: If on skin, rinse well with water. If on clothes, remove clothes. Wash contaminated clothing before reuse.
In case of eye contact	: Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.
If swallowed	: Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Most important symptoms and effects, both acute and delayed	: No information available.
Notes to physician	: Treat symptomatically.

### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Water Foam Carbon dioxide (CO <sub>2</sub> ) Dry chemical
Unsuitable extinguishing media	: High volume water jet
Specific hazards during firefighting	: Hazardous decomposition products formed under fire conditions.
Hazardous combustion products	: Carbon oxides
Further information	: Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Special protective equipment for firefighters	: Wear self-contained breathing apparatus for firefighting if necessary.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Avoid dust formation.
Environmental precautions	: If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

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### SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.
- Conditions for safe storage : Electrical installations / working materials must comply with the technological safety standards.
- Materials to avoid : No materials to be especially mentioned.
- Recommended storage temperature : < 40 °C

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Silica, amorphous	7631-86-9	TWA (Dust)	20 Million particles per cubic foot (Silica)	OSHA Z-3
Silica, amorphous		TWA (Dust)	80 mg/m <sup>3</sup> / %SiO <sub>2</sub> (Silica)	OSHA Z-3
Silica, amorphous		TWA	6 mg/m <sup>3</sup> (Silica)	NIOSH REL
Silica, amorphous		TWA (Respirable dust)	0.05 mg/m <sup>3</sup> (Silica)	NIOSH REL
Silica, amorphous		PEL (respirable)	0.05 mg/m <sup>3</sup>	OSHA CARC

**Engineering measures** : Use with local exhaust ventilation.

#### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection

Material : Protective gloves

Remarks : When handling hot material, use heat resistant gloves. Wear suitable gloves. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Safety glasses

Skin and body protection : Protective suit

Hygiene measures : General industrial hygiene practice.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	: coarse powder
Colour	: white
Odour	: characteristic
Odour Threshold	: No data available
pH	: insoluble
Melting point/range	: Not applicable
Initial boiling point	: Not applicable
Vapour pressure	: Not applicable
Flash point	: Not applicable
Upper explosion limit	: Not applicable
Lower explosion limit	: Not applicable
Evaporation rate	: Not applicable
Flammability (solid, gas)	: Combustible Solids
Relative vapour density	: Not applicable
Relative Density/Specific Gravity	: No data available
Density	: ca. 0.91 g/cm <sup>3</sup> Method: ISO 1183
Bulk density	: ca. 0.50 kg/m <sup>3</sup> Method: DIN 53466
Solubility(ies)	
Water solubility	: insoluble
Solubility in other solvents	: No data available
Ignition temperature	: Not applicable
Thermal decomposition	: > 662 °F (> 350 °C)
Viscosity	
Viscosity, dynamic	: Not applicable

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**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reactions	:	Stable under recommended storage conditions. No hazards to be specially mentioned.
Conditions to avoid	:	No data available
Incompatible materials	:	Strong oxidizing agents
Hazardous decomposition products	:	Stable under recommended storage conditions.

**SECTION 11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

Inhalation  
Ingestion  
Eye contact  
Skin contact

**Acute toxicity****Product:**

Acute oral toxicity : Remarks: No data available

**Components:****7631-86-9 Silica, amorphous:**

Acute oral toxicity : LD50 (Rat): > 10,000 mg/kg

Acute inhalation toxicity : LC50 (Rat, male and female): 58.8 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
GLP: yes

**Skin corrosion/irritation****Product:**

Remarks: No data available

**Components:****7631-86-9 Silica, amorphous:**

Species: Rabbit  
Result: No skin irritation

**Serious eye damage/eye irritation****Product:**

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Remarks: No data available

**Components:****7631-86-9 Silica, amorphous:**

Species: Rabbit

Result: No eye irritation

**Respiratory or skin sensitisation****Product:**

Remarks: No data available

**Carcinogenicity**

<b>IARC</b>	Group 1: Carcinogenic to humans	
	Silica, amorphous	7631-86-9
<b>OSHA</b>	OSHA specifically regulated carcinogen	
	Silica, amorphous	7631-86-9
<b>NTP</b>	Known to be human carcinogen	
	Silica, amorphous	7631-86-9

**Repeated dose toxicity****Product:**

Remarks: No data available

**Further information****Product:**

Remarks: No data available

**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Product:**

Toxicity to fish :  
Remarks: No data available

Toxicity to daphnia and other :  
aquatic invertebrates Remarks: No data available

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### Persistence and degradability

#### Product:

Biodegradability : Remarks: The polymer is too large to be bioavailable.

### Bioaccumulative potential

#### Product:

Bioaccumulation : Remarks: Does not significantly accumulate in organisms.

### Mobility in soil

#### Product:

Mobility : Remarks: The product is insoluble and floats on water.

### Other adverse effects

No data available

#### Product:

Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : No data available

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

EPA Hazardous Waste Code(s) : Not applicable.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

## SECTION 14. TRANSPORT INFORMATION

### International Regulations

#### **IATA-DGR**

Not regulated as a dangerous good

#### **IMDG-Code**

Not regulated as a dangerous good

#### **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

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**National Regulations****49 CFR**

Not regulated as a dangerous good

**SECTION 15. REGULATORY INFORMATION****EPCRA - Emergency Planning and Community Right-to-Know Act****US. EPA CERCLA Hazardous Substances (40 CFR 302)**

This material does not contain any components with a CERCLA RQ.

**SARA 304 - Emergency Release Notification**

This material does not contain any components with a section 304 EHS RQ.

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)**

This material does not contain any components with a SARA 302 RQ.

**SARA 311/312 Hazards** : Per the June 13, 2016 Federal Register notice, EPA harmonized the EPCRA 311/312 hazard categories with the 2012 OSHA hazard communication standard for classifying and labeling of chemicals (i.e. GHS). Please refer to Section 2 of the SDS to identify the appropriate hazard categories for reporting purposes.

**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Clean Air Act**

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

**Pennsylvania Right To Know**

Polymer

Not Assigned

**New Jersey Right To Know**

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No components are subject to the New Jersey Right to Know Act

**New Jersey Right To Know**

**New Jersey Trade Secret Registry Number for the product (NJ TSRN)** : Not Available

**California Prop. 65**

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

**The components of this product are reported in the following inventories:**

TSCA : All substances listed as active on the TSCA inventory

Section 5a : No substances are subject to a Significant New Use Rule.

Section 4 / 12(b) : No substances are subject to TSCA 12(b) export notification requirements.

DSL : We certify that all of the components of this product are listed on the DSL.

**SECTION 16. OTHER INFORMATION**

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.