

**SCONA TSPOE 1002 GBLL**

Version 5

Revision Date 05/12/2022

Print Date 01/06/2026

**SECTION 1. IDENTIFICATION**

Product name : SCONA TSPOE 1002 GBLL

**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

Emergency telephone : 203-265-2086; CHEMTREC 1-800-424-9300 / +1  
number 703-527-3887**Recommended use of the chemical and restrictions on use**

Recommended use : Toughness modifier for PA, PET, PBT, PA/ABS-Blends

Restrictions on use : Refer to Section 15 for any restrictions that may apply

**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Combustible dust :

**GHS label elements**

Signal word : Warning

Hazard statements : May form combustible dust concentrations in air.

**Other hazards**

Contaminated surfaces will be extremely slippery.

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.

Take precautionary measures against static discharges.

Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapours.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

Chemical nature : Carboxylated ethylene-octene-copolymer (maleic anhydride)

**Hazardous components**

No hazardous ingredients

**SECTION 4. FIRST AID MEASURES**

## SCONA TSPOE 1002 GBL

Version 5

Revision Date 05/12/2022

Print Date 01/06/2026

General advice	: Do not leave the victim unattended.
If inhaled	: Remove to fresh air. Administer artificial respiration if necessary. Get medical aid as soon as possible. If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	: Remove contaminated clothing. Wash thoroughly with soap and water.
In case of eye contact	: Immediately flush with plenty of water for at least 20 minutes. Get medical aid. Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	: Do not induce vomiting; aspiration hazard. Dilute with 1-2 glasses of water. Get medical aid. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Never give anything by mouth to an unconscious person. 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.

### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Foam Carbon dioxide (CO <sub>2</sub> ) Dry chemical Foam Carbon dioxide (CO <sub>2</sub> ) Dry chemical
Unsuitable extinguishing media	: No information available. High volume water jet
Specific hazards during firefighting	: Will not explode on mechanical impact. Cool closed containers exposed to fire with water spray. Keep dust to a minimum to avoid potential formation of explosive air/dust mixture.
Hazardous combustion products	: Carbon oxides Silicon oxides Oxides of phosphorus chlorinated compounds
Further information	: Keep away from oxidizing agents. Standard procedure for chemical fires.

## SCONA TSPOE 1002 GBL

Version 5

Revision Date 05/12/2022

Print Date 01/06/2026

Special protective equipment for firefighters : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
 : In the event of fire, wear self-contained breathing apparatus.  
 : Wear self-contained breathing apparatus for firefighting if necessary.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Wear protective equipment: safety glasses, gloves and dust mask or appropriate respirator.  
 : Avoid dust formation.

Environmental precautions : Prevent spilled material from entering the ground, water and/or air by using appropriate containment methods.  
 : Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up : Stop leak. Dike and contain spill.  
 : Wet sweep or vacuum spill.  
 : Use approved industrial vacuum cleaner for removal.  
 : Keep in suitable, closed containers for disposal.

### SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Avoid contact with skin and eyes.  
 : Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
 : Keep container closed when not in use.  
 : Handle as an industrial chemical.  
 : Provide for appropriate exhaust ventilation and dust collection at machinery.  
 : Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces.  
 : For personal protection see section 8.  
 : Smoking, eating and drinking should be prohibited in the application area.  
 : Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage : Keep in a dry, cool and well-ventilated place.  
 : Keep product and empty container away from heat and sources of ignition.  
 : Take measures to prevent the build up of electrostatic charge.  
 : Keep container tightly closed in a dry and well-ventilated place.  
 : Electrical installations / working materials must comply with the technological safety standards.

Materials to avoid : Keep away from oxidizing agents.

## SCONA TSPOE 1002 GBL

Version 5

Revision Date 05/12/2022

Print Date 01/06/2026

Recommended storage temperature : < 40 °C

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

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

#### Personal protective equipment

Respiratory protection : Unless air monitoring demonstrates vapor/mist/dust levels are below the PEL/TLV wear a properly fitted respirator (NIOSH approved) or dust mask during exposure.

Hand protection  
Material : Neoprene gloves

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Goggles  
Safety glasses with side-shields  
Eye wash bottle with pure water  
Tightly fitting safety goggles

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.  
Dust impervious protective suit  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
Clean long legged, long sleeved work clothes.  
If splashing is possible, wear chemically resistant protective clothing.  
Wash hands before breaks and at the end of workday.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : granular  
Colour : light yellow  
Odour : characteristic  
Odour Threshold : No data available

pH : insoluble

Melting point/range : No data available  
Boiling point/boiling range : Not applicable  
Vapour pressure : Not applicable

Flash point : Not applicable

**SCONA TSPOE 1002 GBL**

Version 5

Revision Date 05/12/2022

Print Date 01/06/2026

Upper explosion limit	:	No data available
Lower explosion limit	:	No data available
Evaporation rate	:	No data available
Flammability (solid, gas)	:	May form combustible dust concentrations in air.
Relative vapour density	:	Not applicable
Relative Density/Specific Gravity	:	No data available
Density	:	ca. 0.88 g/cm <sup>3</sup> Method: DIN 53479
Bulk density	:	0.45 - 0.55 g/cm <sup>3</sup> Method: DIN 53466
Solubility(ies)		
Water solubility	:	insoluble
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Ignition temperature	:	No data available
Viscosity		
Viscosity, dynamic	:	Not applicable

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	:	Not classified as a reactivity hazard. No decomposition if stored and applied as directed.
Chemical stability	:	Stable; polymerization will not occur No decomposition if stored and applied as directed.
Possibility of hazardous reactions	:	Dust can form an explosive mixture in air.  No decomposition if stored and applied as directed.  Dust may form explosive mixture in air.
Conditions to avoid	:	No data available No data available
Incompatible materials	:	Strong oxidizing agents
Hazardous decomposition products	:	No data available

**SCONA TSPOE 1002 GBLL**

Version 5

Revision Date 05/12/2022

Print Date 01/06/2026

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

Inhalation  
Ingestion  
Eyes  
Skin contact

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

Acute oral toxicity : Remarks: No data available

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

Remarks: No data available

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

Remarks: No data available

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

Remarks: No data available

**Germ cell mutagenicity****Product:**

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Remarks: No data available

**Carcinogenicity****Product:**

Remarks: No data available

**IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**SCONA TSPOE 1002 GBL**

Version 5

Revision Date 05/12/2022

Print Date 01/06/2026

**ACGIH**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**Reproductive toxicity****Product:**

Effects on fertility : Remarks: No data available

Effects on foetal development : Remarks: No data available

**STOT - single exposure****Product:**

Remarks: No data available

**STOT - repeated exposure****Product:**

Remarks: No data available

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

Remarks: Prolonged inhalation exposure may cause damage to the respiratory tract.  
Talc is an IARC Group 1 carcinogen (increased lung tumors)

**Aspiration toxicity****Product:**

No data available

**Experience with human exposure****Product:**

**SCONA TSPOE 1002 GBL**

Version 5

Revision Date 05/12/2022

Print Date 01/06/2026

Inhalation:	Symptoms:	Dust particles may cause irritation of the respiratory tract.
Skin contact:	Symptoms:	Contact may cause irritation.
Eye contact:	Symptoms:	Contact may cause irritation.
Ingestion:	Symptoms:	Ingestion will probably cause irritation of the digestive tract.

**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

**Persistence and degradability**

No data available

**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****Product:**

## SCONA TSPOE 1002 GBL

Version 5

Revision Date 05/12/2022

Print Date 01/06/2026

Results of PBT and vPvB assessment	: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
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	: Not available  No data available

### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

EPA Hazardous Waste Code(s)	: Not applicable.
Waste from residues	: Dispose of in accordance with applicable local/municipal, state/provincial and federal regulations. Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.
Contaminated packaging	: Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

### 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.

#### National Regulations

##### 49 CFR

Not regulated as a dangerous good

**SCONA TSPOE 1002 GBLL**

Version 5

Revision Date 05/12/2022

Print Date 01/06/2026

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

Calculated RQ exceeds reasonably attainable upper limit.

**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).

**Massachusetts Right To Know**

No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know**

Carboxylated linear polyethylene -

**Pennsylvania Right To Know**

Copolymer -

Carboxylated linear polyethylene -

Maleic anhydride 108-31-6

**SCONA TSPOE 1002 GBLL**

Version 5

Revision Date 05/12/2022

Print Date 01/06/2026

**New Jersey Right To Know**

Carboxylated linear polyethylene -

**New Jersey Right To Know**

Copolymer -

Carboxylated linear polyethylene -

**New Jersey Trade Secret** : 800963-5541**Registry Number for the product (NJ TSRN)****California Prop. 65**

 **WARNING:** This product can expose you to chemicals including Methanol, which is/are known to the State of California to cause birth defects or other reproductive harm. 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 : We certify that all of the components of this product are either listed on the TSCA Inventory or are not subject to the notification requirements per 40 CFR 720 30(h).

TSCA Inventory Active List : All components of this product are listed active and/or are exempt

Section 4 / 12(b) Not applicable

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

**SECTION 16. OTHER INFORMATION**

Revision Date : 05/12/2022

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.