

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : SCONA TPPE 1102 PALL

Product code : 000000000000126300

**Manufacturer or supplier's details**

Company : BYK-Chemie GmbH

Address : Abelstrasse 45  
46483 Wesel

Telephone : +49 281 670-23532

Telefax : +49 281 670-23533

E-mail address : GHS.BYK@altana.com

Emergency telephone number : 18000 74234 (toll –free number, access from Australia  
only)  
+61 2 8014 4558**Importer**Company : Alchemy Agencies Pty Ltd  
Level 15, 28 Freshwater Place  
Southbank, Victoria, Australia 3006  
Tel: +61 3 9116 6359Use of the Sub-  
stance/Mixture : Coupling agent for wood and natural fibre reinforced polypro-  
pylene, coupling agent in high filled (aluminiumhydroxide or  
magnesium hydroxide) PE cables, coupling agent in glass-  
fibre reinforced PE

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

Not a hazardous substance or mixture.

**GHS label elements**No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) re-  
quired.**Other hazards which do not result in classification**

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.

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

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Substance / Mixture : Polymer  
Chemical nature : Carboxylated Linear Low Density Polyethylene (maleic anhydride)

**Components**

No hazardous ingredients

**SECTION 4. FIRST AID MEASURES**

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 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 : None known.

**SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media : Foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical  
Water

Unsuitable extinguishing media : High volume water jet

Specific hazards during fire-fighting : Hazardous decomposition products formed under fire conditions.

Hazardous combustion products : Carbon oxides

Specific extinguishing methods : 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 : Do not allow contact with soil, surface or ground water.  
Do not let product enter drains.

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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 protection against fire and explosion : Provide appropriate exhaust ventilation at places where dust is formed.

Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.

Hygiene measures : General industrial hygiene practice.

Conditions for safe storage : Electrical installations / working materials must comply with the technological safety standards.

Further information on storage conditions : Protect from moisture.  
Keep containers tightly closed in a dry, cool and well-ventilated place.

Materials to avoid : No materials to be especially mentioned.

Further information on storage stability : Keep in a dry place.  
No decomposition if stored and applied as directed.

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**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

**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.

Eye protection : Safety glasses

Skin and body protection : Protective suit

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : powder

Colour : off-white

Odour : characteristic

Odour Threshold : not determined

pH : insoluble

Melting point/ range : 115 - 132 °C

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|  |   |
|--|---|
|  | Method: DIN 53461   |
| Initial boiling point and boiling range          | : Not applicable  |
| Flash point                                      | : Not applicable  |
| Evaporation rate                                 | : No data available   |
| Flammability (solid, gas)                        | : Combustible Solids  |
| Burning number                                   | : 2<br>Method: VDI 2263-1<br>melts                          |
| Upper explosion limit / Upper flammability limit | : Not applicable  |
| Lower explosion limit / Lower flammability limit | : Not applicable  |
| Vapour pressure                                  | : not determined  |
| Relative vapour density                          | : Not applicable  |
| Relative density                                 | : No data available   |
| Density  | : ca. 0.93 g/cm <sup>3</sup><br>Method: DIN 53479           |
| Bulk density                                     | : 0.45 - 0.55 kg/m <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   |
| Auto-ignition temperature                        | : 410 °C<br>Method: DIN EN 50 281-2-1                       |
| Decomposition temperature                        | : > 350 °C  |
| Viscosity  |   |
| Viscosity, dynamic                               | : Not applicable  |
| Viscosity, kinematic                             | : Not applicable  |
| Dust explosion class                             | : Not dust explosive  |
| Minimum ignition energy                          | : > 1,000 mJ<br>Method: DIN EN 13821<br>without inductivity |

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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.<br>No hazards to be specially mentioned.<br>Dust may form explosive mixture in air. |
| Conditions to avoid                | : | No data available  |
| Incompatible materials             | : | Strong oxidizing agents  |

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**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Not classified due to lack of data.

**Product:**

Acute oral toxicity : Remarks: No data available

**Skin corrosion/irritation**

Not classified due to lack of data.

**Product:**

Remarks : No data available

**Serious eye damage/eye irritation**

Not classified due to lack of data.

**Product:**

Remarks : No data available

**Respiratory or skin sensitisation****Skin sensitisation**

Not classified due to lack of data.

**Respiratory sensitisation**

Not classified due to lack of data.

**Product:**

Remarks : No data available

**Chronic toxicity****Germ cell mutagenicity**

Not classified due to lack of data.

**Product:**

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Result: No data available

**Carcinogenicity**

Not classified due to lack of data.

**Product:**

Remarks : No data available

**Reproductive toxicity**

Not classified due to lack of data.

**Product:**

Effects on fertility : Remarks: No data available

Effects on foetal development : Remarks: No data available

**STOT - single exposure**

Not classified due to lack of data.

**Product:**

Remarks : No data available

**STOT - repeated exposure**

Not classified due to lack of data.

**Product:**

Remarks : No data available

**Repeated dose toxicity**

**Product:**

Remarks : No data available

**Aspiration toxicity**

Not classified due to lack of data.

**Product:**

No data available

**Further information**

**Product:**

Remarks : No data available

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**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

**Product:**

Toxicity to fish :  
Remarks: No data available

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

**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****Product:**

Additional ecological infor- :   No data available  
mation

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**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

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

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**SECTION 14. TRANSPORT INFORMATION****International Regulations****UNRTDG**

UN number                                       :   Not applicable  
Proper shipping name                           :   Not applicable  
Class   :   Not applicable  
Subsidiary risk                                   :   Not applicable  
Packing group                                   :   Not applicable  
Labels   :   Not applicable

**IATA-DGR**

UN/ID No.                                       :   Not applicable  
Proper shipping name                           :   Not applicable  
Class   :   Not applicable  
Subsidiary risk                                   :   Not applicable  
Packing group                                   :   Not applicable  
Labels   :   Not applicable  
Packing instruction (cargo                     :   Not applicable  
aircraft)  
Packing instruction (passen-                 :   Not applicable  
ger aircraft)

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**IMDG-Code**

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
EmS Code : Not applicable  
Marine pollutant : Not applicable

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

Not applicable for product as supplied.

**National Regulations****ADG**

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
Hazchem Code : Not applicable

**Special precautions for user**Not applicable

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**SECTION 15. REGULATORY INFORMATION****Safety, health and environmental regulations/legislation specific for the substance or mixture****SECTION 16. OTHER INFORMATION**

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**Full text of other abbreviations**

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Or-

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ganisation for Standardisation; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MERCOSUR - The Agreement for the Facilitation of the Transport of Dangerous Goods; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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