



# SAFETY DATA SHEET

## SECTION 1: Identification of the substance/mixture and of the company/undertaking.

### 1.1 Product identifier

Trade name or designation of the mixture : GRIP TACTION ADDITIVE  
Registration number : -  
Synonyms : None  
Issue date : -  
Version number : 01  
Revision Date : -  
Supersedes date : -

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended restrictions : Ready prepared cement mortar.

Uses advised against:

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### 1.3 Informazioni sul fornitore della scheda di dati di sicurezza

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· Informazioni fornite da: Abteilung Produktsicherheit  
· Numero telefonico di emergenza: Während der normalen Öffnungszeiten: +49 / (0)700 24 11 21 12

## SECTION 2: Hazards identification.

### 2.1 Classification of the Substance or mixture:

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification apply.

**Classification according to Directive 67/548/EEC or 1999/45/EC as amended**

#### Information concerning particular hazards for human and environment:

The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

#### Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

**Classification according to Regulation (EC) No 1272/2008 as amended**

#### Hazard summary

**Physical hazards** : Not classified.

**Health hazards** : Not Classified

## 2.2 Label elements

**Label according to Regulation (EC) No. 1272/2008 as amended** : The product is not classified and labeled.

**Hazard pictograms** : None

**Signal word** : None

**Hazard statement** : The mixture does not meet the criteria for classification.

### Precautionary statements

#### General:

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.

#### Prevention :

P201 Obtain special instructions before use  
P202 Do not handle until all safety precautions have been read and understood  
P280 Wear protective gloves.  
P261 Avoid breathing mist or dust  
P310 Immediately call a POISON CENTER or doctor/physician

#### Response:

P308+P313 If exposed or concerned: Get medical advice/attention.  
P 302+P352 If on skin: Wash with water  
P332+P313+P362 If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

**Storage** : Refer point 7.2

**Disposal** : Dispose of waste and residues in accordance with local authority requirements.

**Supplemental label information** : Nil

## 2.3 Other Hazards

None in case of intended use.

Results of the PBT and vPvB assessment

**PBT** : Inapplicable.

**vPvB** : Inapplicable

## SECTION 3: Composition/information on ingredients.

### 3.1. Substances

N.A.

### 3.2 Chemical characterization: Mixtures

#### General

#### information

CAS No	EINECS/Reach Reg. No	Chemical Name	%	Classification according to Regulation (EC) No 1278/2008 (CLP).
25656-90-0	NA	Poly allyl diglycol carbonate	99-100	Not classified

#### List of abbreviations and symbol may be used above

CLP: Regulation No.  
1272/2008. DSD: Directive  
67/548/EEC.

**Composition comments:** All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. The full text for all R- and H-phrases is displayed in section 16.

### SECTION 4: First aid measures

**General information:** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. IF exposed or concerned: Get medical advice/attention. Wash contaminated clothing before reuse.

#### 4.1 Description of first aid measures

**Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

**Skin contact** : Wash skin with soap and water. If skin irritation or rash occurs: Get medical advice/attention.

**Eye contact** : Do not rub eyes. Flush eyes thoroughly with water for at least 15 minutes. Get medical attention if irritation develops or persists.

**Ingestion** : Rinse mouth. Do not induce vomiting. Get medical attention if any discomfort continues.

#### 4.2 Most important symptoms

**and effects, both acute and delayed** : Coughing. Dust may irritate the eyes and the respiratory system.

**4.3 Indication of any immediate medical attention and special treatment needed:** Treat symptomatically. Symptoms may be delayed.

### SECTION 5: Firefighting measures

#### General fire hazards

#### 5.1 Extinguishing media

**Suitable Extinguishing Media** : Water fog. Dry chemical powder. Carbon dioxide (CO2).

**Unsuitable extinguishing media** : Do not use water jet as an extinguisher, as this will spread the fire.

**5.2 Special hazards arising from the substance or mixture** : During fire, gases hazardous to health may be formed.

**5.3 Advice for firefighter's Special protective equipment** : Use Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

#### Special protective equipment for firefighters.

**Special fire fighting procedures materials.** : In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Use water spray to cool unopened

containers.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : Wear appropriate personal protective equipment. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see Section 8 of the SDS.

**For emergency responders** : Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. Wear appropriate personal protective equipment. For personal protection, see Section 8 of the SDS.

**6.2 Environmental precautions** : Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

**6.3 Methods and material for Cleaning** : Sweep up or vacuum up spillage and collect in suitable container for disposal. Do not vacuum clean unless vacuum cleaners are equipped with HEPA filter. For waste disposal, see Section 13 of the SDS. Sweep up or vacuum up spillage and collect in suitable container for disposal.

**6.4 Reference to other sections** : Never return spills in original containers for re-use.

For information regarding safe handling see section 7.

For personal protection, see Section 8 of the SDS.

For waste disposal, see Section 13 of the SDS.

## SECTION 7: Handling and storage

**7.1 Precautions for safe handling** : Avoid inhalation of dust and contact with skin and eyes. Use work methods which minimize dust production. Provide appropriate exhaust ventilation at places where dust is formed. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

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**7.2 Conditions for safe storage, including any incompatibilities** : Store in a cool, dry place out of direct sunlight.

**Storage class** : VCI-Storage Class: 8B-Non-flammable corrosive hazardous substances.

**7.3 Specific end use(s)** : No further relevant information available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

**Occupational exposure limits** : No exposure limits noted for ingredient(s).

**Biological limit value** : No biological exposure limits noted for the ingredient(s).

**Recommended Monitoring procedures** : Data not available

**Derived no-effect level (DNEL)** : Data not available.

**Predicted no effect concentrations (PNECs)**: Data not available.

### 8.2 Exposure controls

**Appropriate engineering controls** : Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin protection Hand protection** Wear protective gloves.

**Other** Wear suitable protective clothing.

**Respiratory protection**

In case of inadequate ventilation or risk of inhalation of dust or fumes, use suitable respiratory equipment.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**General hygiene**

**Considerations** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**Environmental exposure controls** : Environmental manager must be informed of all major releases.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Granular solid..
<b>Physical state</b>	Solid.
<b>Form</b>	Slid.
<b>Color</b>	Clear.
<b>Odor</b>	None.
<b>Odor threshold</b>	Not determined.
<b>pH</b>	Not applicable.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	: Not determined.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not applicable.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit – lower (%)</b>	Not available.
<b>Flammability limit – upper (%):</b>	Not available.
<b>Vapor pressure</b>	Not determined.
<b>Vapor density</b>	Not determined.
<b>Relative density</b>	Not available.
<b>Solubility (ies)</b>	
<b>Solubility (water)</b>	Insoluble in cold water.
<b>Partition coefficient (n-octanol/water)</b>	
	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Critical temperature</b>	Not determined.
<b>Molecular weight</b>	Not available.
<b>Partition coefficient (oil/water)</b>	Not determined.
<b>VOC (Weight %)</b>	<b>Not Volatile.</b>

## SECTION 10: Stability and reactivity

**10.1 Reactivity** : The product is stable and non-reactive under normal conditions of use, storage and transport.

**10.2 Chemical stability** : Material is stable under normal conditions.

**10.3. Possibility of hazardous reactions** : Will not occur.

**10.4. Conditions to avoid** : Heat, flames and sparks

**10.5. Incompatible materials** : Oxidizing agents.

**10.6. Hazardous decomposition Products** : Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## SECTION 11: Toxicological information

**General information:** No data Available

### Information on likely routes of exposure

**Inhalation** : Dust may irritate respiratory system.

**Skin contact** : May cause irritation through mechanical abrasion..

**Eye contact** : Dust may irritate the eyes..

**Ingestion** : May cause discomfort, if swallowed.

**Symptoms** : Coughing. Dust may irritate the eyes and the respiratory system..

### 11.1 Information on toxicological effects

**Acute toxicity** : May cause discomfort if swallowed.

**Skin corrosion/irritation** : May cause irritation through mechanical abrasion.

**Serious eye damage/eye irritation** : Dust in the eyes will cause irritation.

#### Respiratory or skin sensitization

**Respiratory sensitization** : No data available.

**Skin sensitization** : Not a skin sensitizer.

**Germ cell mutagenicity** : No data available.

**Carcinogenicity** : Not classifiable as to carcinogenicity to humans.

#### IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

#### NTP Report on Carcinogens

Not listed.

#### NTP Report on Carcinogens

Not listed

**Reproductive toxicity** : No data available.

**Specific target organ toxicity - Single exposure** : No data available.

**Specific target organ toxicity - Repeated exposure** : No data available.

**Aspiration hazard** : Not Classified

**Mixture versus substance** : No data available.

**Other Information** : Chronic effects: Prolonged contact may cause dryness of the skin. No other specific acute or chronic health impact noted.

## SECTION 12: Ecological information

**12.1 Toxicity** : Not expected to be harmful to aquatic organisms..

**12.2 Persistence and degradability** : The product is not biodegradable.

**12.3 Bioaccumulative potential** : The product is not expected to bioaccumulate..

**Partition coefficient** : No data available for this product.

**n-octanol/water (log Kow)**

**Bio concentration factor (BCF)** : No further relevant information available.

**12.4 Mobility in soil/Mobility in General** : No data available for mobility in soil/The product is insoluble in water.

**12.5 Results of PBT and vPvB assessment** : In applicable.

**12.6 Other adverse effects** : No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

**Residual waste** : Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** : Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

**EU waste code** : The Waste code should be assigned in discussion between the user, the producer and the waste disposal company. Refer European waste catalogue 06 08 99 wastes N.O.S.

**Disposal methods/information** : Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Special precautions** : Dispose in accordance with all applicable regulations.

## **SECTION 14: Transport information**

### **14.1. UN number**

UN Number: ==

### **14.2. UN proper shipping name**

N.A.

### **14.3. Transport hazard class(es)**

Rail/Road(RID/ADR): Not regulated as dangerous goods.

ADR-Upper number: NA

Air (ICAO/IATA): Not regulated as dangerous goods.

Sea (IMO/IMDG): Not regulated as dangerous goods.

### **14.4. Packing group**

N.A.

### **14.5. Environmental hazards**

Marine pollutant: No

N.A.

#### **14.6. Special precautions for user**

N.A.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not established.

### **SECTION 15: Regulatory information**

#### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture EU regulations**

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA.

#### **Authorizations**

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

#### **Restrictions on use**

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding



## Other EU regulations

**Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances**

**Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work**

**Directive 94/33/EC on the protection of young people at work**

**Other regulations** : This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006. This product does not meet the criteria for classification according to Regulation (EC) 1272/2008 (CLP Regulation) and Directive 1999/45/EC and their amendments respectively.

**National regulations** : Follow national regulation for work with chemical agents.

## 15.2 Chemical safety assessment

For this substance a chemical safety assessment is not required.

## SECTION 16: Other information

**List of abbreviations**

- DNEL:** Derived No-Effect Level.
- PNEC:** Predicted No-Effect Concentration.
- PBT:** Persistent, bioaccumulative and toxic.
- vPvB:** Very Persistent and very Bioaccumulative.
- CAS:** Chemical abstract Services (division of the American Chemical Society)
- ADR:** Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- ADN:** Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
- IMDG:** international Maritime code for Dangerous Goods.
- IATA:** International Air Transport Association.

**References**

- HSDB®** - Hazardous Substances Data Bank
- RTECS** - Registry of Toxic Effects of Chemical Substances

**Information on evaluation method leading to the classification of mixture** : The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

**Full text of any statements or R-phrases and H-statements under Sections 2 to 15** : H315 Causes skin irritation.

**Training information** : Follow training instructions when handling this material.

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