

Safety Data Sheet

Material: 60041662

VINNAPAS® 7055 E

Version: 1.8 (NZ)

Date of print: 14.04.2014

Date of last alteration: 01.04.2014

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

1.1 Product identifier

Commercial product name: VINNAPAS® 7055 E

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

Use of substance / preparation:

Industrial.

Binder for: Construction products .

All other areas of application to be agreed with the Application Engineering/ Technical Marketing Department of the manufacturer.

1.3 Details of the supplier of the safety data sheet

Manufacturer/distributor:

Wacker Chemie AG

Street/POB-No.:

Hanns-Seidel-Platz 4

State/postal code/city:

D 81737 München

Telephone:

+49 89 6279-0

Telefax:

+49 89 6279-1770

Contact point:

Wacker Chemicals Australia Pty. Ltd.

Street/POB-No.:

Unit 1 / 35 Dunlop Road

Postal code/city:

Mulgrave, Victoria 3170

Country:

Australia

Telephone:

+61 3 9541 8900

Telefax:

+61 3 9541 8989

Information about the Safety Data Sheet:

Telephone

+49 8677 83-4888

Telefax

+49 8677 886-9722

eMail

WLCP-MSDS@wacker.com

1.4 Emergency telephone number

Emergency Information:**Plant fire brigade****+49 8677 83-2222****Emergency Information (internat.):****National Response Center****+49 621 60-43333**

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 Label elements

Labelling (GHS):

No labeling according to GHS required.

2.3 Other hazards

Risk of dust explosion.

SECTION 3: Composition/information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

3.2.1 Chemical characterization (preparation)

Copolymer of vinyl acetate, ethylene and vinyl ester with mineral fillers and protective colloid.

Safety Data Sheet

Material: 60041662

VINNAPAS® 7055 E

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SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

Under ordinary workplace conditions: No special measures required.

After inhalation:

Provide fresh air.

After contact with the skin:

Wash with plenty of water or water and soap.

After contact with the eyes:

Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.

After swallowing:

If conscious, give several small portions of water to drink. Do not induce vomiting. In cases of sickness seek medical advice (show label if possible).

4.2 Most important symptoms and effects, both acute and delayed

Any relevant information can be found in other parts of this section.

4.3 Indication of any immediate medical attention and special treatment needed

Due to its physical properties, may cause mechanical irritation. Product may agglutinate in the gastro-intestinal tract. Medical assistance should be sought. Depending on the symptoms, invasive measures may be necessary. Further toxicology information in section 11 must be observed.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

water spray , water mist , extinguishing powder , foam , carbon dioxide .

Extinguishing media which must not be used for safety reasons:

water jet .

5.2 Special hazards arising from the substance or mixture

At low oxygen level: acetic acid .

5.3 Advice for firefighters

Special protective equipment for fire fighting:

Use respiratory protection independent of recirculated air.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Do not breathe dust.

6.2 Environmental precautions

Cover any spilled material in accordance with regulations to prevent dispersal by wind.

6.3 Methods and material for containment and cleaning up

Take up mechanically and dispose of according to local/state/federal regulations.

Further information:

Eliminate all sources of ignition. Observe notes under section 7.

6.4 Reference to other sections

Relevant information in other sections has to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13).

Safety Data Sheet

Material: 60041662

VINNAPAS® 7055 E

Version: 1.8 (NZ)

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling:

Avoid dust formation. Increased risk of slipping if substance comes into contact with water.

Precautions against fire and explosion:

Avoid formation of dust - dust may form explosive mixture with air. Avoid dust deposit, remove dust regularly. Take precautionary measures against electrostatic charging. Keep away from open flames, heat and sparks.

7.2 Conditions for safe storage, including any incompatibilities

Conditions for storage rooms and vessels:

Observe precautionary measures against dust explosion.

Advice for storage of incompatible materials:

not applicable .

Further information for storage:

not applicable .

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

-

8.2 Exposure controls

8.2.1 Exposure in the work place limited and controlled

General protection and hygiene measures:

Do not breathe dust. Do not eat, drink or smoke when handling.

Personal protection equipment:**Respiratory protection**

In case of dust formation: fine dust mask without protection rating .

Hand protection

Recommendation: rubber gloves .

Eye protection

Recommendation in case of dust formation: tight fitting protective goggles .

8.2.2 Exposure to the environment limited and controlled

Prevent material from entering surface waters and soil.

8.3 Further information for system design and engineering measures

Observe regulations for protection against explosion.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General information:

Physical state / form: solid - powder
Colour: white to light beige
Odour: odourless

Important information about the protection of health, safety and the environment:**Property:**

Melting point / melting range: not applicable
Boiling point / boiling range: not applicable
Flash point.....: not applicable

Value:**Method:**

Safety Data Sheet

Material: 60041662

VINNAPAS® 7055 E

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Auto-ignition temperature.....	no data available	
Lower explosion limit (LEL)	no data available	
Vapour pressure.....	not applicable	
Bulk density.....	370 - 520 kg/m ³	(DIN EN ISO 60)
Water solubility / miscibility.....	moderately soluble at 20 °C	
pH-Value.....	approx. 8 at 20 °C (500 g/l H ₂ O)	
Viscosity (dynamic)	not applicable	

9.2 Other information

Product forms dispersions with water. The tests on the raised dust were determined in accordance with German VDI 2263, Sheet 1, on the screened product.

Thermal decomposition.....: > 250 °C

Median particle size

Minimum ignition energy

SECTION 10: Stability and reactivity

10.1 – 10.3 Reactivity; Chemical stability; Possibility of hazardous reactions

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

Relevant information can possibly be found in other parts of this section.

10.4 Conditions to avoid

none known .

10.5 Incompatible materials

none known .

10.6 Hazardous decomposition products

If stored and handled properly: none known . At increased temperature: acetic acid .

SECTION 11: Toxicological information

11.1 Information on toxicological effects

11.1.1 Acute toxicity

Assessment:

Based on the available data acute toxic effects are not expected after single oral exposure.

Product details:

Route of exposure	Result/Effect	Species/Test system	Source
oral	LD ₅₀ : > 2000 mg/kg	rat	Conclusion by analogy OECD 423

11.1.2 Skin corrosion/irritation

Assessment:

Based on the available data a clinically relevant skin irritation hazard is not expected.

Product details:

Result/Effect	Species/Test system	Source
not irritating	rabbit	Conclusion by analogy OECD 404

Safety Data Sheet

Material: 60041662

VINNAPAS® 7055 E

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11.1.3 Serious eye damage / eye irritation

Assessment:

Based on the available data a clinically relevant eye irritation hazard is not expected.

Product details:

Result/Effect	Species/Test system	Source
not irritating	rabbit	Conclusion by analogy OECD 405

11.1.4 Respiratory or skin sensitization

Assessment:

Based on the available data a sensitization reaction is not expected from this product.

Product details:

Route of exposure	Result/Effect	Species/Test system	Source
dermal	not sensitizing	mouse; LLNA (local lymph node assay)	Conclusion by analogy OECD 429

11.1.5 Germ cell mutagenicity

Assessment:

Based on known data a significant mutagenic potential may be excluded.

Product details:

Result/Effect	Species/Test system	Source
negative	mutation assay (in vitro) bacterial cells	Conclusion by analogy OECD 471

11.1.6 Carcinogenicity

Assessment:

For this endpoint no toxicological test data is available for the whole product.

11.1.7 Reproductive toxicity

Assessment:

For this endpoint no toxicological test data is available for the whole product.

11.1.8 Specific target organ toxicity (single exposure)

Assessment:

For this endpoint no toxicological test data is available for the whole product.

11.1.9 Specific target organ toxicity (repeated exposure)

Assessment:

For this endpoint no toxicological test data is available for the whole product.

11.1.10 Aspiration hazard

Assessment:

Based on the physical-chemical properties of the product no aspiration hazard must be expected.

11.1.11 Further toxicological information

No information on damage to health during manufacture and use.

Safety Data Sheet

Material: 60041662

VINNAPAS® 7055 E

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SECTION 12: Ecological information

12.1 Toxicity

Assessment:

No expected damaging effects to aquatic organisms. According to current knowledge adverse effects on water purification plants are not expected.

Product details:

Result/Effect	Species/Test system	Source
LC ₅₀ : > 100 mg/l	carp (Cyprinus carpio) (96 h)	Conclusion by analogy OECD 203
EC ₁₀ : > 1000 mg/l	sludge (0,5 h)	Conclusion by analogy

12.2 Persistence and degradability

Assessment:

Polymer component: Not readily biodegradable. Elimination by adsorption to activated sludge. Separation by flocculation is possible.

12.3 Bioaccumulative potential

Assessment:

No adverse effects expected.

12.4 Mobility in soil

Assessment:

No adverse effects expected.

12.5 Other adverse effects

none known

12.6 Additional information

According to present knowledge no adverse influence to environment expected.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

13.1.1 Material

Recommendation:

Observe local/state/federal regulations.

13.1.2 Uncleaned packaging

Recommendation:

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used.
Observe local/state/federal regulations.

Recommended cleaning agent:

water .

SECTION 14: Transport information

14.1 – 14.4 UN number; UN proper shipping name; Transport hazard class(es); Packing group

Road ADR:

Valuation: Not regulated for transport

Railway RID:

Valuation: Not regulated for transport

Safety Data Sheet

Material: 60041662

VINNAPAS® 7055 E

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Transport by sea IMDG-Code:

Valuation: Not regulated for transport

Air transport ICAO-TI/IATA-DGR:

Valuation: Not regulated for transport

14.5 Environmental hazards

Hazardous to the environment: no

14.6 Special precautions for user

Relevant information in other sections has to be considered.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Bulk transport in tankers is not intended.

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

National and local regulations must be observed.

For information on labelling please refer to section 2 of this document.

Group Standard

HSNO Approval Number	Title
not applicable	This material is not classified as Hazardous according to the New Zealand GHS Criteria. So a Group Standard is not applicable.

15.2 Other international regulations**Details of international registration status:**

Listed on or in accordance with the following inventories:

South Korea (Republic of Korea) – ECL (Existing Chemicals List))

Japan – ENCS (Handbook of Existing and New Chemical Substances)

Australia – AICS (Australian Inventory of Chemical Substances)

Canada – DSL (Domestic Substance List)

Philippines – PICCS (Philippine Inventory of Chemicals and Chemical Substances)

United States of America (USA) – TSCA (Toxic Substance Control Act Chemical Substance Inventory)

SECTION 16: Other information**16.1 Material**

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements.

The providing of this document to a recipient does not relieve the recipient of his or her responsibility toward compliance with all laws and stipulations applicable to the product. This applies in particular to the further sale or distribution of the product or substances or items containing the product, in other jurisdictions and with regard to the protection of third-party intellectual property rights. If the described product is processed or mixed with other substances or materials, the details stated in this document cannot be conferred to the resultant new product unless this has been expressly mentioned. If the product is repackaged, the recipient is obligated to additionally provide the required safety-related information.

16.2 Further information:

Commas appearing in numerical data denote a decimal point. Vertical lines in the left-hand margin indicate changes compared with the previous version. This version supersedes all previous versions.

- End of Safety Data Sheet -