

MATERIAL SAFETY DATA SHEET
: SAFEPAK VCI ANTICORROSION SP- DS SILICA GEL

SECTION 1 - IDENTIFICATION OF PRODUCT

Trade name **SAFEPAK VCI Desiccant Bag SP- DS**
Chemical name: Rust and moisture protective mixture of indicating and nonindicating silica gel bags (Proprietary).
Description: Highly active of protective mixture of indicating and nonindicating silica gel along with rust inhibiting component packed in breathable bags.

SECTION 2 - COMPOSITION / DATA ON COMPONENTS

Ingredient	Wt. %	Risk no.	Remarks
Silica gel (7631-86-9)			Mixture of indicating and nonindicating silica gel.
Trade secrete			
Other substances			

SECTION 3 – HAZARDOUS IDENTIFICATION

Information about hazardous ingredients: No particular hazardous ingredients are known.
Inhaling: Should not inhale purposely. May cause a throat and lung irritation.
Hazard ingenious: By handling of this product no particular hazard is known when normal precautions and personal protective equipments are used.

SECTION 4 – FIRST AID MEASURES

Inhalation: Supply fresh air; consult physician in case of symptoms.
Skin contact: Long term skin contacts and rubbing might cause irritation and reddening. If irritation persists consult physician.
Eye contact: Rinse opened eye for several minutes under running water. Consult physician. (S26)
Swallowing: Induce vomiting if feasible; immediately call for medical help.

SECTION 5 - FIRE FIGHTING MEASURES

Extinguishing agents: Use any means suitable for extinguishing surrounding fire. Protective equipments: N. A. Product is non-flammable.
Special hazards caused by products: N.A. Product is non-flammable.

SECTION 6 – ACCIDENTAL RELEASE AND MEASURES

Product is non-flammable. See section 4. Additional information: See sec. 13 for additional information about disposal.

SECTION 7 - HANDLING, STORAGE

Handling: Workers should wash their hands thoroughly with soap and water. No eatables should keep in contact with the product. Use plastic or rubber hand gloves during handling of the product.
Storage: Keep containers tightly closed. Store in a cool dry place. Store away from foodstuffs. Do not store together with textiles.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Product is non-flammable. Use protective clothing and breathing equipment appropriate for the surrounding fire.
Exposure control: No further data.
Additional information: See section 5 and section 7.

SECTION 9 - PHYSICAL-CHEMICAL PROPERTIES

Form: Solid
Density: N. E.
Odor: Slight
PH: 6.5-7.5
Melting point: N. E.
Color: Indicating blue granules, turn Pink and then white on adsorption of water.
Solubility in water: Partially soluble
Molecular formula (Major part): SiO₂
Molecular wt.: 60.09 (Major part)

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability: Stable under normal storage conditions.
Dangerous reaction: No dangerous reaction known.
Decomposition may lead to oxides of nitrogen and carbon.
Dangerous product components: No dangerous components known.
Conditions to be avoided: Moisture and extreme heat.
No dangerous decomposition if used according to specifications.
Incompatibility: Avoid contact with acids, alkali and oxidizing material.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute toxicity: None
Biological properties LD oral: N. E.
Sensitization: No sensitizing effect known.
Poison / hazard other than poison: N. A.
Effect on the skin: Irritant for the skin and mucous membranes.
Effect on the eye: Irritant effect possible.

SECTION 12 – ECOLOGICAL INFORMATION

Behavior in sewage systems: When released into the soil, this material is not expected to biodegrade. When released into water, this material is not expected to biodegrade.

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For additional information see section 11.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste disposal: Dispose with trash or follow existing
State and Local environmental regulations

SECTION 14 - TRANSPORT INFORMATION

Land transport class: N. A.
Maritime transport class: N. A.
Marine pollutant: N. A.
Air transport class: N. A.

No dangerous good according to dangerous goods /
transport directions.

SECTION 15 - REGULATORY INFORMATION

Risk phrases: R22 Harmful if swallowed,
Safety phrases: S22 Do not breathe dust.
S26 In case of contact with eyes, rinse
immediately with plenty of water and
seek medical advice.

Abbreviations

N. A.: Not available **N. E.:** Not established.

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SECTION 16 - DISCLAIMER

This data is based on our present knowledge and shall
not constitute any guarantee for any specific product
features. Safepack does not undertake legal responsibility
for use and reliability of this data sheet. Users are
expected to check the suitability of the product to their
application.
