

Version 2.0

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Section 1. Identification

Product Name: SD-Pro

Product Code: N/A

Supplier Details:

Company Name: Hychem (Pty) Ltd

Address: 11/13 Silverstone Crescent
Kyalami, Gauteng

Telephone: 011 466 1885/ 0860 102 555

Emergency Telephone: 0860 102 555

Recommended use: Surface coating spray

Use restrictions : No information available

Section 2. Hazard(s) IdentificationGHS Classification:

Skin Irritation - Category 2

Eye Irritation - Category 2

Respiratory/Skin Sensitization - Category 1

Signal Word:
Warning

Hazard Statements -

- H316 Causes mild skin irritation
- H317 May cause an allergic skin reaction
- H320 Causes eye irritation
- H335 May cause respiratory irritation



Precautionary Statements -

Prevention

P264 Wash skin thoroughly after handling

Response

- P304 + P341 If inhaled and breathing is difficult, remove individual to fresh air and keep at rest in a position comfortable for breathing
- P305 + P351 + P338 If in eyes: rinse cautiously with water for several minutes. Remove contact lenses.
- P332 + P313 If skin irritation occurs, seek medical advice/attention

P337 + P313 If eye irritation persists, seek medical advice/attention
P342 +P311 If experiencing respiratory symptoms, call a Poison
Center or doctor.

Section 3. Composition/Information on Ingredients

Chemical	Concentration (%w/w)	Trade Secret
Proprietary organofunctional silane	≤ 5*	Yes
Inert ingredients (as determined by US EPA)	≥ 95*	Yes

* the exact concentration of composition has been withheld as a trade secret according to 29 CFR 1910.1200(i)

Section 4. First Aid Measures

General Advice: In the case of accident or if feeling unwell, seek medical attention. When symptoms persist or in cases of doubt, seek medical advice. Present medical professionals with this safety data sheet.

Inhalation: If breathing is difficult, move to fresh air environment and keep at rest in a position comfortable for breathing. If breathing remains affected, seek medical attention

Skin contact: Wash thoroughly with water. If necessary, remove contaminated clothing. If skin irritation occurs, seek medical advice.

Ingestion: Rinse mouth thoroughly with water. Sip a glassful of water. Seek medical attention. Do not induce vomiting unless directed by a Poison Control Center or physician.

Most important symptoms and effects, both acute and delayed:
May cause skin, eye, and respiratory irritation.

Protection of First Aid providers:
First Aid responders should pay attention to self-protection and use the recommended personal protective equipment when the potential for exposure exists.

Notes to Physician: Treat symptomatically and supportively.

Section 5. Fire-Fighting Measures

Suitable Extinguishing Media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media:

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards from the Chemical: No information available.

Explosion Data: No information available.

Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge: None.

Protective equipment and precautions for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved (or equivalent) and full protective gear.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Personal Precautions - Avoid contact with eyes, skin, and clothing. Use personal protective equipment as required.

Other Information - Refer to protective measures listed in Sections 7 and 8.

Environmental precautions: No information available.

Methods and material for containment and cleanup:

Absorb and containerize. Wash residual down to sanitary sewer. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.

Section 7. Handling and Storage

Precautions for safe handling:

Handling - Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities:

Storage - Keep properly labeled containers tightly closed and in a dry environment with general room ventilation. To ensure optimal product performance store at room temperature (> 60° F). Avoid freezing.

Incompatible Products - No information available.

Section 8. Exposure Controls/Personal Protection

Control Parameters:

Exposure guidelines - OSHA PELs, NIOSH RELs, and ACIH TLVs have not been established for this product.

Individual protection measures, such as personal protective equipment:

Eye/Face Protection -	If splashes are likely to occur: Wear safety glasses (with side shields) or goggles. None required for consumer use.
Skin and Body Protection -	Wear protective gloves and protective clothing.
Respiratory Protection -	During commercial spray or fogging applications of this product, air-purifying, half mask respirators equipped with appropriate filter cartridges should be worn. Respiratory protection must be provided in accordance with current local regulations.
Hygiene Measures -	Remove and wash contaminated clothing before re-use. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

Section 9. Physical and Chemical Properties

Physical State:	Liquid
Appearance:	Colorless, Clear to very slightly hazy at room temperature
Odor:	Alcohol-like
Odor Threshold:	No information available

Property	Values	Remarks/Method
pH	5	Strip test
Melting/Freezing point	No data available	None known
Boiling point/Boiling range	No data available	None known
Flash point	No data available	None known
Evaporation rate	No data available	None known
Flammability (solid/gas)	No data available	None known
Flammability limits in air		
Upper Flammability limit	No data available	None known
Lower Flammability limit	No data available	None known
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific gravity	No data available	None known
Water solubility	Soluble in water	None known
Solubility in other solvents	No data available	None known
Partition coefficient (n-octanol/water)	No data available	None known

Auto ignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic velocity	No data available	None known
Dynamic velocity	No data available	None known
Explosive properties	Non explosive	None known
Oxidizing properties	No data available	None known

Other information:

Softening point -	No data available.
VOC Content (%) -	No data available.
Particle size –	No data available.
Particle size distribution -	No data available.

Section 10. Stability and Reactivity

<u>Reactivity:</u>	Not classified as a reactivity hazard
<u>Chemical stability:</u>	Stable under recommended storage conditions.
<u>Possibility of Hazardous Reactions:</u>	None under normal use and processing.
<u>Conditions to avoid:</u>	None known.
<u>Incompatible materials:</u>	Soaps, anionic surfactants.
<u>Hazardous Decomposition Products:</u>	None known.
<u>Polymerization:</u>	Hazardous polymerization does not occur

Section 11. Toxicological Information

Likely Routes of Exposure:

Inhalation -	Exposure to vapor or mist may irritate respiratory tract.
Eye Contact -	May cause eye irritation.
Skin Contact -	Prolonged contact may cause irritation.
Ingestion -	Ingestion may cause irritation to mucous membranes and gastrointestinal tract,.

Information on toxicological effects:

Oral LD50 – > 5000mg/kg	Dermal LD50 - > 5000mg/kg
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Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Sensitization -	No information available.
Mutagenic Effects -	No information available.
Carcinogenicity -	Not known
Reproductive Toxicity -	Not known
Target Organ effects -	Not known

Section 12. Ecological Information

Environmental effects:

No known significant effects or critical hazards.

Section 13. Disposal Considerations

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to: Section 6. ACCIDENTAL RELEASE MEASURES, Section 7. HANDLING AND STORAGE, Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

Section 14. Transport Information

Non-hazardous Material. Not applicable to product as supplied.

IATA-DGR: Non hazardous goods- no ID number, class or packing group assigned.

IMDG: Non hazardous goods- no ID number, class or packing group assigned.

Section 15. Regulatory Information

ANVISA Registration Number(s): 3.5048.0001.001-1; 3.5048.0001.002-8; 3.5048.0001.003-6

US EPA: Classified as Treated Article under FIFRA Requirements

Section 16. Other Information

Disclaimer

The information contained herein is, to the best of our knowledge and belief, accurate and current as of the date of this SDS. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution.

Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.