MATERIAL SAFETY DATA SHEET

Dr. SEAL Neutral Silicone Sealant

SECTION 1: IDENTIFICATION OF THE PRODUCT AND COMPANY INFORMATION

1.1	Product Name:	Dr. SEAL SSN1 Neutral Silicone Sealant
1.2	Part Number/Trade Name:	SSN1
1.3	Chemical Classification:	Silicone
1.4	Dangerous Goods Classification:	Not applicable
1.5	Distributor Name:	Rich Innovation Marketing, Inc
	Address :	826 Zacateros St., Sta.Cruz Manila Philippines
	Telephone:	(02)733-3007;733-7786 Fax: (02)736-4589

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

2.1 Chemical characterization: Mixture
2.2 Physical Form Liquid
2.3 Use: Sealant
2.4 Hazardous Ingredients*:

No.	Chemical Name	CAS No.	Proprietary	%(w/w)	Osha pel	Acgih tlv
01	Amorphous Silica	7631-86-9	NO	10max		
02	Methyl Oximino Silane	22984-54-9	NO	5max	No	No
03	Calcium Carbonate	471-34-1	NO	50max		
04	Aminopropyltriethoxysilane	919-30-2	NO	3max		
06	Methyl ethyl ketoxime	96-29-7	No	1max		

Ingredient Notes:
Cured sealant is non-hazardous
Methyl ethyl ketoxime is not a component but is released upon curing on exposure to humid air.

SECTION 3:HAZARDS IDENTIFICATION

3.1	Overall Hazard Classification:	Not hazardous
3.2	Hazard Information:	Not hazardous
3.3	Route of Exposure:	Skin Contact and Accidental Ingestion

3.4 Possible Health Effects:

Route of Entry: Skin	YES
Route of Entry: Ingestion	YES
Route of Entry: Inhalation	YES

Health Hazards - Acute and Chronic
Ingest: No known applicable information.
SKIN: No known applicable information.
INHAL: No known applicable information.
3.5 Signs and Symptoms of Overexposure:
SKIN: Long time skin contact may cause allergic skin reaction.
INHALATION: Overexposure by inhalation may injure the following organ: Liver, blood.
INGESTION: Overexposure by ingestion may injure the following organ: liver, blood.

SECTION 4: FIRST AID MEASURES

4.1 Ingest: Get immediate medical attention.
4.2 Skin: Flush with water for 15 minutes, get medical attention.
4.3 Inhalation: Remove to fresh air. Get medical attention if ill effects persist.
4.4 Eyes: Immediately flush with water, continuing for at least 15 minutes. Get immediate medical attention.
4.5 Comments: Treat according to person's condition and specifics of exposure.
4.6 Note to physicians: Treat symptomatically.

SECTION 5:FIRE FIGHTING MEASURES

5.1 Flammability: None
5.2 Flash Point: >100°C(Closed Cup)
5.3 Auto ignition temperature: Not determined.
5.4 Extinguishing Media On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide(CO_2),dry chemical or water spray. Water can be used to cool fire exposed containers.
5.5 Special Fire Fighting Procedures and Equipment:
Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool. Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.
5.6 Hazardous Combustion Products:
CO_2, CO, SiO_2. N_xo_y.
5.7 Unsuitable Extinguishing Media:
None established.

SECTION 6: ACCIDENTAL RELEASE MEASURE

6.1 Personal Precautions: Avoid eye contact. Do not take internally.

6.2 Environmental Precautions: Do not allow large quantities to enter drains or surface waters.

6.3 Methods for Cleaning up: Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protective equipment recommendations described in this MSDS. Wipe or scrape up material and put in a suitable safety container.

Section 7: identification of the product and company information

7.1 Handling Precautions: Use with adequate ventilation. Avoid eye contact. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

7.2 Storage Conditions: Use reasonable care and store away from oxidizing materials.

7.3 Unsuitable Packaging Materials: None established.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Industrial Hygiene Standards:

Ingredients	CAS No.	Exposure Limits
None known.		

8.2 Engineering Controls

Local Ventilation: None should be needed.

General Ventilation: Recommended.

8.3 Personal Protective Equipment for Routine Handling.

Respiratory protection:	No respiratory protection should be needed.
Suitable Respirator:	None should be needed.
Eye protection:	Use proper protection-safety glasses as a minimum.
Hand protection:	No special protection needed.
Skin protection:	Washing at mealtime and end of shift is adequate.
Hygiene Measure:	Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

8.4 Personal Protective Equipment for Spills

Respiratory protection:	No respiratory protection should be needed.
Eye protection:	Use proper protection-safety glasses as a minimum.
Skin protection:	Washing at mealtime and end of shift is adequate.
Precautionary Measure:	Avoid eye contact. Do not take internally. Use reasonable care.

Comments: If this product is heated to >150 degrees C, trace quantities of formaldehyde may be released, and adequate ventilation is required.
Hygiene Measure: Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.
Note: These precautions are for room temperature handling .Use at elevated temperature or aerosol/spray applications may require added precautions.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical Form:	Liquid
9.2 Odor:	With slight odor
9.3 PH	7
9.4 Solubility in Water:	Not soluble
9.5 Melting Point	Not determined
9.6 Flash Point:	>100°C (Closed Cup)
9.7 Autoignition temperature	Not determined
9.8 Explosive temperature:	Not determined
9.9 Oxidizing properties:	No.
9.10 Vapor Pressure@25	No.
9.11 Octanol/water partition coefficient:	Not determined
9.12 Vapor Density (air-1)	Not determined
9.13 Molecular Weight:	Not determined

The above information is not intended for use in preparing product specifications.

SECTION 10: STABILITY AND REACTIVITY

10.1 Stability:	Stable.
10.2 Reactivity	
Stability Conditions to Avoid	None known
Materials to Avoid	None known
Hazardous Decomposition Products:	Carbon oxides and traces of incompletely burned carbon compounds silicon dioxide.
Hazardous Polymerization	NO

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Possible Health Effects:	Refer to Section 3.4
11.2 Sensitizing Effects:	Noneknown.
11.3 Mutagenic Effects:	None known.
11.4 Reproductive Effects:	None known.

11.5 Carcinogenic Effects: None known.
11.6 Other Health Hazard Information: No known applicable information.

The above listed potential effects of overexposure are based on actual data, the results of studies performed upon similar compositions, component data, and/or expert review of the products.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Environmental Fate and Distribution:
No adverse effects are predicted.
12.2 Environmental Effects:
No adverse effects on aquatic organisms are predicted.
Bioaccumulation: No bioaccumulation potential.
12.3 Fate and Effects in Water Treatment Plants:
No adverse effects on bacteria are predicted.

SECTION 13: ECOLOGICAL INFORMATION

13.1 Product Disposal: Dispose of in accordance with local regulations.
13.2 Packaging Disposal: Dispose of in accordance with local regulations.

SECTION 14: DISPOSAL CONSIDERATION

14.1 Road and Rail Transport: Not a hazardous material for transportation.
14.2 Sea Transport: Not a hazardous material for transportation.
14.3 Air Transport: Not a hazardous material for transportation.

SECTION 15: ECOLOGICAL INFORMATION

15.1 Applicable Laws:
Provisions of the Regulations for the Safe Handling of Chemicals in the Workplace, particularly those relating to the safe use, production, storage and transportation of dangerous chemicals.
15.2 The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the Technical Data Sheet prior to any use and processing.