

**MATERIAL SAFETY DATA SHEET (GHS)****570 & 571 Floor Hardener**Last Revised: **May-23****SECTION I - PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** NeoSeal® 570 & 571 Floor Hardener      **MANUFACTURER:** NeoSeal Adhesive Pvt. Ltd.  
**PRODUCT USE:** For high abrasion resistance industrial floor      Plot# 628/7, GIDC Savli, At. Manjusar  
 Dis. Vadodara - 391775, Gujarat, India  
 Tel. +91-9099 -935744

**SECTION 2 - HAZARDS IDENTIFICATION****GHS CLASSIFICATION:**

Health		Environmental		Physical
Swallowed:	Not Established	Acute Toxicity:	None Known	Not known
Inhaled:	1	Chronic Toxicity:	None Known	
Skin Sensitization:	1			
Eye:	1			

**GHS LABEL:** **Signal Word:** DangerHazard Statements

H314: Causes severe skin burns and eye damage.  
 H318: Causes serious eye damage.  
 H315: Causes skin irritation.  
 H335: May cause respiratory irritation.  
 H372: Cause damage to organs (lungs) through prolonged or repeated exposure (inhalation)

Precautionary Statements

P201: Obtain special instructions before use.  
 P260: Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P280: Wear protective gloves and eye/face protections.  
 P303 + P352: If on skin (or hair): Wash with plenty of soap and water.  
 P333 + P311: If skin irritation or rash occurs: Call a physician.  
 P362 + P364: Take of contaminated clothing and wash it before reuse.

**SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENTS:	CAS#	EINECS #	CONCENTRATION	ACGIH TLV	ACGIH STEL
Ordinary Portland Cement	65997-15-1	266-043-4	30-55%		
Silica Sand or Quartz (SiO <sub>2</sub> )	14808-60-7	238-878-4	40-65%		

According to Regulation 2012 OSHA Hazard Communication standard; 29 CFR Part 1910.1200

Under the referenced regulation, this product does not contain any components classified for health hazards above the relevant cut off value.

**SECTION 4 - FIRST AID MEASURES**

**Contact with eyes:** Flush eyes immediately with plenty of water for 15 minutes and seek medical advice immediately.  
**Skin contact:** Remove contaminated clothing and shoes. Wash affected skin area thoroughly with soap and water. If irritation develops, seek medical advice.  
**Inhalation:** Remove the affected individual into fresh air. If breathing is stopped, give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice.  
**Ingestion:** Rinse mouth with water. Give 1 or 2 glasses of water or milk to dilute. Do not induce vomiting. Seek medical advice immediately.

**SECTION 5 - FIREFIGHTING MEASURES**

<b>Suitable Extinguishing Media:</b>	water spray, Carbon Dioxide (CO <sub>2</sub> )		HMIS	NFPA	0-Minimal
<b>Unsuitable Extinguishing Media:</b>	None in particular	Health	1	1	1-Slight
<b>Exposure Hazards:</b>	No particular hazardous known	Flammability	0	0	2-Moderate
<b>Combustion Products:</b>	No information available	Reactivity	0	0	3-Serious
<b>Flash Point:</b>	N/A	PPE	B		4-Severe
<b>Protection for Firefighters:</b>	Self-contained breathing apparatus or full-face positive pressure airline masks.				

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Prevent contact with skin or eyes (see section 8).  
**Environmental Precautions:** Do not release untreated into natural waters.  
**Methods for Cleaning up:** Scoop into container and seal for disposal. Dispose according to local/state/federal regulations.  
**Methods of Disposal:** Dispose of in accordance with local, state and federal regulations.

**SECTION 7 - HANDLING AND STORAGE**

**Handling:** Handle in accordance with good industrial hygiene and safety practice. No special measures necessary provided to use product correctly. Ensure adequate ventilation.  
**Storage:** Store product in closed condition away from direct sunlight, in a dry, cool and well-ventilated area. Keep away from food, drink and feed.

**SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION**

Exposure Controls:	Component	ACGIH TLV	ACGIH STEL	OSHA PEL	OSHA STEL:
<b>Monitoring:</b>	Portland Cement	1	1	15	
	Silica Sand	N/A	N/A	N/A	

**Personal Protective Equipment (PPE):**

**Eye Protection:** Avoid contact with eyes, wear splashproof chemical goggles.  
**Skin Protection:** Prevent contact with the skin as much as possible. Chemical resistant gloves should be used for frequent immersion.  
**Respiratory Protection:** Wear respiratory protection if ventilation is inadequate

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Powder Grey	<b>Evaporation Rate:</b>	N/A
<b>Odour:</b>	Cement like	<b>Flammability:</b>	None Known
<b>pH:</b>	No data available	<b>Flammability Limits:</b>	LEL: None UEL: None
<b>Melting/Freezing Point:</b>	Not Applicable	<b>Vapor Pressure:</b>	Not known
<b>Boiling Point:</b>	Not Applicable	<b>Vapor Density:</b>	Heavier than air
<b>Flash Point:</b>	Not Applicable	<b>VOC Content:</b>	N/A
<b>Specific Gravity:</b>	1.60 - 1.70 @30°C		
<b>Solubility:</b>	Negligible		
<b>Auto-ignition Temperature:</b>	Not Applicable		
<b>Decomposition Temperature:</b>	Not Applicable		

## SECTION 10 - STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions.
<b>Hazardous decomposition products:</b>	None
<b>Conditions to avoid:</b>	Avoid humidity
<b>Incompatible Materials:</b>	None in particular

## SECTION 11 - TOXICOLOGICAL INFORMATION

<b>Likely Routes of Exposure:</b>	Eye and Skin Contact
<b>Acute symptoms and effects:</b>	Virtually nontoxic after a single ingestion or a single skin contact; nontoxic by inhalation. Ingestion may cause gastrointestinal disturbances
<b>Inhalation:</b>	Irritating to respiratory system
<b>Eye Contact:</b>	Severely irritating to eyes. Risk of serious damage to eyes.
<b>Skin Contact:</b>	Irritating to skin.
<b>Ingestion:</b>	Irritating to mouth, throat and stomach.
<b>Chronic (long-term) effects:</b>	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
<b>Toxicity:</b>	LD <sub>50</sub> 500 gm/Kg (Oral Rat) LC <sub>50</sub>

<b>Reproductive Effects</b>	<b>Teratogenicity</b>	<b>Mutagenicity</b>	<b>Embryotoxicity</b>	<b>Sensitization to Product</b>	<b>Synergistic Products</b>
Not Established	Not Established	Not Established	Not Established	Not Established	Not Established

## SECTION 12 - ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	No data available
<b>Mobility:</b>	No data available
<b>Degradability:</b>	No data available
<b>Bioaccumulation:</b>	No data available

## SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

This product is not a hazardous waste as defined under RCRA 40 CFR 261. Do not incinerate a closed container. Disposal of this material must be done in accordance with federal, state and local regulations.

## SECTION 14 - TRANSPORT INFORMATION

<b>Proper Shipping Name:</b>	None	<b>TDG INFORMATION</b> TDG CLASS: Not Regulated SHIPPING NAME: Not Regulated UN NUMBER/PACKING GROUP: Not Regulated
<b>Hazard Class:</b>	Non hazardous	
<b>Secondary Risk:</b>	None	
<b>Identification Number:</b>	None	
<b>Packing Group:</b>	None	
<b>Label Required:</b>	None	
<b>Marine Pollutant:</b>	No	

## SECTION 15 - REGULATORY INFORMATION

<b>Precautionary Label Information:</b>	Irritant	Ingredient Listings: None known
<b>Symbols:</b>	Xi	
<b>Risk Phrases:</b>	R-36/38 Irritating to eyes and skin.	
<b>Safety Phrases:</b>	S-2/3 Keep in a cool place, out of reach of children. S-24/25 Avoid contact with skin and eyes. S-35 Dispose of material and container in a safe way.	S-29 Do not empty into drains, storm drains or watercourses. S-37/39 Wear suitable gloves and eye protection. S-45 If seeking medical advice show physician label or SDS.

## SECTION 16 - OTHER INFORMATION

<b>Specification Information:</b>		
<b>Department issuing data sheet:</b>	NeoSeal Adhesive, Safety & Health Department	All ingredients are compliant with the requirements of the European Directive on RoHS (Restriction of Hazardous Substances).
<b>e-mail address:</b>	<a href="mailto:info@neoseal.net">info@neoseal.net</a>	
<b>Training necessary:</b>	Yes, training in practices and procedures contained in product literature.	
<b>Reissue date / reason for reissue:</b>	17/05/2023 / New product	
<b>Intended Use of Product:</b>	For high abrasion resistance industrial floor	

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.