

**MATERIAL SAFETY DATA SHEET (GHS)****563 Epoxy Injection Grout**Last Revised: **May-23****SECTION I - PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: 563 Epoxy Injection Grout **MANUFACTURER:** NeoSeal Adhesive Pvt. Ltd.
PRODUCT USE: Two components concrete gap filling & repairing adhesi 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
Acute Toxicity:	None Established	Acute Toxicity:	None Known	None Known
Skin Irritation:	Category 2	Chronic Toxicity:	None Known	
Skin Sensitization:	Category 1			
Eye:	Category 2B			

GHS LABEL:**WHMIS CLASSIFICATION:**
Not Regulated

Hazard Statements	Precautionary Statements
H315: Causes skin irritation H317: May cause an allergic skin reaction H320: Causes eye irritation H335: May cause respiratory irritation. H372: Cause damage to organs (lungs) through prolonged or repeated exposure	P261: Avoid breathing dust P264: Wash thoroughly after handling 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 % by Weight	ACGIH TLV
EPOXY RESIN	25068-38-6	N/A	10 - 30%	
2,4,6 -Tris (Dimethylaminomethyl) Phenol	90-72-7	202-013-9	1 - 15%	

All of the constituents of this adhesive product are listed on the TSCA inventory of chemical substances maintained by the US EPA, or are exempt from that listing.
 *Indicates this chemical is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40CFR372).
 # indicates that this chemical is found on Proposition 65's List of chemicals known to the State of California to cause cancer or reproductive toxicity.

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 skin thoroughly with soap and water. If irritation develops, seek medical advice.
Inhalation: Remove to fresh air. If breathing is stopped, give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice.
Ingestion: If swallowed, do not induce vomiting. Call a physician or poison control center.

SECTION 5 - FIREFIGHTING MEASURES

Suitable Extinguishing Media:	Carbon dioxide, foam or dry chemical	HMIS	NFPA	0-Minimal
Unsuitable Extinguishing Media:	None known	Health	1	1-Slight
Exposure Hazards:	Irritating organic vapors	Flammability	1	2-Moderate
Combustion Products:	No information available	Reactivity	0	3-Serious
		PPE	x	4-Severe
Protection for Firefighters:	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: Prevent product or liquids contaminated with product from entering sewers, drains, soil or open water course.
Methods for Cleaning up: Soak up with inert absorbent material. Store in a partly filled, closed container until disposal.

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid avoid contact with eyes, skin and clothing.
 Do not eat, drink or smoke while handling.
Storage: Store in a cool, dry, well ventilated area away from sources of heat and incompatible material. Keep container tightly closed when not in use.
 Follow all precautionary information on container label and product bulletins.

SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:	Component	ACGIH TLV	ACGIH STEL	OSHA PEL	OSHA STEL:	OSHA PEL-Ceiling	CAL/OSHA PEL	CAL/OSHA Ceiling	CAL/OSHA STEL
	Epoxy Resin	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E
	2,4,6 -Tris (Dimethylaminomethyl) Phenol	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E
	Silica Sand or Quartz	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E

Engineering Controls: Use local exhaust as needed.
Monitoring: Maintain breathing zone airborne concentrations below exposure limits.

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.
 Use of rubber or plastic gloves should provide adequate protection when normal adhesive application practices and procedures are used for making structural bonds.
Respiratory Protection: None needed for normal use

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Thick liquid paste	Evaporation Rate:	N/E
Odor:	None	Flammability:	N/E
pH:	N/A	Flammability Limits:	LEL: Not Established
Melting/Freezing Point:	Not Applicable	Vapor Pressure:	< 10mm Hg @ 25°C (77°F)
Boiling Point:	Not Applicable	Vapor Density:	>1 (air = 1)
Flash Point:	> 93°C (200°F)	VOC Content	0%
Specific Gravity:	1.50 @25°C (77°F)		
Solubility:	Not Applicable		
Auto-ignition Temperature:	Not Applicable		
Decomposition Temperature:	Not Applicable		

SECTION 10 - STABILITY AND REACTIVITY

Stability:	Stable
Hazardous decomposition products:	None (non-thermal)
Conditions to avoid:	Extreme heat, sparks, and open flame. Incompatible materials, oxidizers and oxidizing conditions. Heating resin above 300°F presence of air may cause slow oxidative decomposition.
Incompatible Materials:	Strong Lewis or mineral acids, strong oxidizing agents, strong mineral and organic bases primary and secondary aliphatic amine

SECTION 11 - TOXICOLOGICAL INFORMATION

Toxicity:	LD ₅₀	LC ₅₀
EPOXY RESIN	Oral - rat - 13,600 mg/kg	No data available
2,4,6 -Tris (Dimethylaminomethyl) Phenol	Oral - rat LD50: 1200 mg/kg	Skin-rat LD50: 1280 mg/kg

Reproductive Effects	Teratogenicity	Mutagenicity	Embryotoxicity	Sensitization to Product	Synergistic Products
Not Established	Not Established	Not Established	Not Established	Not Established	Not Established

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:	None Known
Mobility:	Note Established
Degradability:	Note Established
Bioaccumulation:	Note Established

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Follow local and national regulations. Consult disposal expert.

SECTION 14 - TRANSPORT INFORMATION

Proper Shipping Name:	None
Hazard Class:	Not regulated as a hazard
Secondary Risk:	None
Identification Number:	None
Packing Group:	None
Label Required:	None
Marine Pollutant:	NO

TDG INFORMATION	
TDG CLASS:	Not Regulated
SHIPPING NAME:	Not Regulated
UN NUMBER/PACKING GROUP:	Not Regulated

SECTION 15 - REGULATORY INFORMATION

Precautionary Label Information:	Irritant	Ingredient Listings:	USA TSCA, Europe EINECS, Canada DSL, Australia AICS, Korea ECL/TCCL, Japan MITI (ENCS)
Symbols:	Xi		
Risk Phrases:	R-36/38 Irritating to eyes and skin.		
Safety Phrases:	S-2/3 Keep in a cool place, out of reach of children. S-7 Keep container tightly closed when not in use. 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. S-51 Use only in well ventilated areas	

SECTION 16 - OTHER INFORMATION

Specification Information:		
Department issuing data sheet:	NeoSeal Adhesive, Safety & Health Department	All ingredients are compliant with the requirements of the European Directive on RoHS (Restriction of Hazardous Substances).
e-mail address:	info@neoseal.net	
Training necessary:	Yes, training in practices and procedures contained in product literature.	
Reissue date / reason for reissue:	05/2023/ new product	
Intended Use of Product:	Two components concrete gap filling & repairing adhesive	

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.