

MATERIAL SAFETY DATA SHEET (GHS)

Last Revised: Oct-20

NeoSeal SR-605 rubber adhesive

SECTION I - PRODUCT AND COMPANY IDENTIFICATION

Neoseal SR-605 PRODUCT NAME: MANUFACTURER: NeoSeal Adhesive Pvt. Ltd.

Plot# 628/7, GIDC Savli, At. Manjusar PRODUCT USE: Dis. Vadodara - 391775, Gujarat, India Foam Adhesive Tel. +91-9099 -935744

SECTION 2 - HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Environmental Physical Acute Toxicity: Acute Toxicity: Flammable Liquid Category 2 None Known Category 2 Skin Irritation: Category 2 Chronic Toxicity: None Known Skin Sensitization: NO Category 2B Eye

GHS LABEL:



EUH066: Repeated exposure may cause skin dryness or cracking

H336: May cause drowsiness or dizziness

EUH019: May form explosive peroxides

H351: Suspected of causing cancer





Signal Word: Danger

WHMIS CLASSIFICATION:

Precautionary Statements

CLASS B, DIVISION 2 CLASS B, DIVISION 2B

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Hazard Statements

H225: Highly flammable liquid and vapor P210: Keep away from heat/sparks/open flames/hot surfaces - No smoking

H319: Causes serious eye irritation P261: Avoid breathing dust/fume/gas/mist/vapors/spray

H332: Harmful if inhaled P280: Wear protective gloves/protective clothing/eye protection/face protection H335: May cause respiratory irritation

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

for breathing

P337+P233: Get medical advice/attention

P403+P233: Store in a well ventilated place. Keep container tightly closed P501: Dispose of contents/container in accordance with local regulation

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:	CAS#	EINECS#	CONCENTRATION	ACGIH TLV	ACGIH STEL
Hexane	110-54-3	203-777-6	10-25%	50 ppm	500 ppm
Toluene	108-88-3	203-625-9	35-60 %	100 ppm	150 ppm
Acetone	67-64-1	200-662-2	0 -20 %	500 ppm	750 ppm
Ethyl Acetate	141-78-6	203-631-1	0-15%	400 ppm	500 ppm
Various resin	proprietary	proprietary			
Synthetic rubber	proprietary	proprietary	10-15%		

SECTION 4 - FIRST AID MEASURES

Flush eyes immediately with plenty of water for 15 minutes and seek medical advice immediately Contact with eves:

Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. If irritation develops, seek medical advice. Skin contact: Inhalation: Remove to fresh air. If breathing is stopped, give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice. Inaestion: 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

Suitable Extinguishing Media: HMIS NFPA 0-Minimal Dry chemical powder, carbon dioxide gas, foam, Halon, water fog. Unsuitable Extinguishing Media: Water spray or stream. Health 2 2 1-Slight **Exposure Hazards:** Inhalation and dermal contact Flammability 3 3 2-Moderate Combustion Products: Oxides of carbon, hydrogen chloride and smoke Reactivity 0 0 3-Serious Protection for Firefighters: Self-contained breathing apparatus or full-face positive pressure airline masks. 4-Severe

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions: Keep away from heat, sparks and open flame.

Provide sufficient ventilation, use explosion-proof exhaust ventilation equipment or wear suitable respiratory protective equipment.

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: Clean up with sand or other inert absorbent material. Transfer to a closable steel vessel.

Materials not to be used for clean up: Aluminum or plastic containers

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid breathing of vapor, avoid contact with eyes, skin and clothing.

Keep away from ignition sources, use only electrically grounded handling equipment and ensure adequate ventilation/fume exhaust hoods.

Do not eat, drink or smoke while handling.

Store in ventilated room or shade below 44°C (110°F) and away from direct sunlight.

Keep away from ignition sources and incompatible materials: caustics, ammonia, inorganic acids, chlorinated compounds, strong oxidizers and isocyanates.

Follow all precautionary information on container label, product bulletins and solvent cementing literature.

SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component	ACGIH TLV	ACGIH STEL	OSHA PEL
Toluene	100 ppm	150 ppm	200 ppm
Acetone	500 ppm	750 ppm	1000 ppm
Ethyl Acetate	400 ppm	500 ppm	500 ppm
Hexane	50 ppm	500 ppm	50 ppm

Monitoring: Maintain breathing zone airborne concentrations below exposure limits.

Personal Protective Equipment (PPE):

Avoid contact with eyes, wear splash-proof chemical goggles, face shield, safety glasses (spectacles) with brow guards and side shields, **Eve Protection:**

etc. as may be appropriate for the exposure.

Skin Protection: Prevent contact with the skin as much as possible. Butyl rubber gloves should be used for frequent immersion.

Use of solvent-resistant gloves or solvent-resistant barrier cream should provide adequate protection when normal adhesive application

practices and procedures are used for making structural bonds.

Respiratory Protection: Prevent inhalation of the solvents. Use in a well-ventilated room. Open doors and/or windows to ensure airflow and air changes. Use local exhaust ventilation to remove airborne contaminants from employee breathing zone and to keep contaminants below levels listed above.

With normal use, the Exposure Limit Value will not usually be reached. When limits approached, use respiratory protection equipment.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: light yellow brown Odor: Ketone pH: Not Applicable

Melting/Freezing Point: -95°C Based on first melting component: Acetone **Boiling Point:** 56 C Based on first boiling component Acetone

Flash Point: -20 °C TCC based on Acetone

Specific Gravity: 0.87 @23°C (73°F)

Solubility: Solvent portion soluble in water. Resin portion separates out.

Partition Coefficient n-octanol/water: Not Available

Auto-ignition Temperature: 426 C based on Ethyl Acetate

Decomposition Temperature: Not Applicable

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable

Hazardous decomposition products: None in normal use. When forced to burn, this product gives off oxides of carbon, hydrogen chloride and smoke.

Odor Threshold:

Boiling Range:

Flammability:

Vapor Pressure:

Vapor Density:

Evaporation Rate:

Flammability Limits:

0.04 ppm (Toluene)

79.6°C to 156°C

> 1.0 (BUAC = 1)

LEL: 1.1% based on Toluene

UEL: 12.8 % based on Acetne

190 mm Hg @ 20°C based on Acetone

Category 2

>2 (Air = 1)

Conditions to avoid: Keep away from heat, sparks, open flame and other ignition sources.

Incompatible Materials: Oxidizers, strong acids and bases, amines, ammonia

SECTION 11 - TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation, Eye and Skin Contact

Acute symptoms and effects:

Inhalation: Severe overexposure may result in nausea, dizziness, headache. Can cause drowsiness, irritation of eyes and nasal passages.

Eye Contact: Vapors slightly uncomfortable. Overexposure may result in severe eye injury with corneal or conjunctival inflammation on contact with the liquid.

Skin Contact: Liquid contact may remove natural skin oils resulting in skin irritation. Dermatitis may occur with prolonged contact.

Ingestion: May cause nausea, vomiting, diarrhea and mental sluggishness.

Chronic (long-term) effects: None known to humans

Toxicity: LD₅₀ LC₅₀ Oral 5000 mg/kg(rat) N/F Toluene

Hexane 25 g/kg (rat) Inhalation 2 hrs. 70000 mg/m3 (rat) Ethyl Acetate Oral:4100 mg/kg (rat) Inhalation 3 hrs. 62,700 mg/m³ (rat) Inhalation 8 hrs. 50,100 mg/m³ (rat) Acetone Oral: 5800 mg/kg (rat)

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

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: None Known Degradability: Biodegradable Bioaccumulation: Minimal to none.

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Follow local and national regulations. Consult disposal expert.

SECTION 14 - TRANSPORT INFORMATION

Proper Shipping Name: Adhesives

Hazard Class: **EXCEPTION for Ground Shipping**

Secondary Risk: None

DOT Limited Quantity: Up to 5L per inner packaging, 30 kg gross weight per package.

Consumer Commodity: Depending on packaging, these quantities may qualify under DOT as "ORM-D" **Identification Number:** UN 1133

Packing Group: PG II

TDG INFORMATION Label Required: Class 3 Flammable Liquid

Marine Pollutant: NO TDG CLASS: FLAMMABLE LIQUID 3 SHIPPING NAME: **ADHESIVES**

UN NUMBER/PACKING GROUP UN 1133, PG II

SECTION 15 - REGULATORY INFORMATION

Ingredient Listings: USA TSCA, Europe EINECS, Canada DSL, Australia Precautionary Label Information: Highly Flammable, Irritant

Symbols: F, Xi AICS, Korea ECL/TCCL, Japan MITI (ENCS) Risk Phrases: R11: Highly flammable

R20: Harmful by inhalation. R66: Repeated exposure may cause skin dryness or cracking

R36/37: Irritating to eyes and respiratory system. R67: Vapors may cause drowsiness and dizziness

S9: Keep container in a well-ventilated place. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Safety Phrases:

S16: Keep away from sources of ignition - No smoking. S33: Take precautionary measures against static discharges.

S25: Avoid contact with eyes S46: If swallowed, seek medical advise immediately and show this container or label.

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:

Training necessary: Yes, training in practices and procedures contained in product literature. January 18, 2021/ Technical information updated Reissue date / reason for reissue:

Intended Use of Product: in carpentery, foam to foam, upholstery

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.

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