

2721 CLEAR URETHANE SEALER

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE: 2721
PRODUCT NAME: CLEAR URETHANE SEALER
PRODUCT USE: Liquid Paint
MANUFACTURER: RAE Products & Chemicals Corporation
 11638 South Mayfield Avenue.
 Alsip, IL 60803
 1-(877)-275-7550

24 HR. EMERGENCY TELEPHONE NUMBER
CHEMTREC (US): 1 (800) 424-9300

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Flammable liquid and vapor.

CLASSIFICATION:

Specific target organ toxicity - single exposure - Category 3 (Central nervous system)
 Acute toxicity, Inhalation - Category 4
 Skin irritation - Category 2
 Aspiration hazard - Category 1
 Flammable liquids - Category 3
 Specific target organ toxicity - repeated exposure - Category 2 (Liver, kidney, central nervous system)

PICTOGRAMS:



SIGNAL WORD: DANGER

HAZARD STATEMENTS:

H226 - Flammable liquid and vapor.
 H304 - May be fatal if swallowed and enters airways.
 H315 - Causes skin irritation.
 H332 - Harmful if inhaled.
 H336 - May cause drowsiness or dizziness.
 H372 - Causes damage to organs through prolonged or repeated exposure.

PRECAUTIONARY STATEMENTS:

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P240 - Ground/bond container and receiving equipment.
 P241 - Use explosion-proof electrical / ventilating / lighting / equipment.
 P242 - Use only non-sparking tools.
 P243 - Take precautionary measures against static discharge.
 P260 - Do not breathe dust/fumes/gas/mist/vapors/spray.
 P264 - Wash thoroughly after handling.
 P270 - Do not eat, drink or smoke when using this product.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

POTENTIAL HEALTH EFFECTS:

EYES: Can cause severe eye irritation.
SKIN: May be harmful if absorbed through skin. Causes skin irritation.
INGESTION: Harmful if swallowed. Irritating to mouth, throat and stomach. Aspiration hazard - can enter lungs and cause damage
INHALATION: Harmful if inhaled. May cause drowsiness and dizziness. Vapors may cause respiratory irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>WEIGHT % (MAX)</u>
ALIPHATIC PETROLEUM DISTILLATES	64742-88-7	60.64

4. FIRST AID MEASURES

EYES: Rinse thoroughly with plenty of water, also under the eyelids for at least 15 minutes. Seek medical attention if needed.

SKIN: Wash off with soap and water immediately. Remove all contaminated clothing. Seek medical attention if needed.

INGESTION: Do not induce vomiting. Call Poison Control Center immediately.

INHALATION: Move to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Seek medical attention if needed.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

SYMPTOMS: Eye and skin irritation. Drowsiness and dizziness.

EFFECTS: Pain or irritation, coughing, nausea or vomiting, headache, unconsciousness.

NOTES TO PHYSICIAN: Treat symptomatically. If large quantities have been ingested or inhaled, contact poison control center immediately.

5. FIRE FIGHTING MEASURES

PERSONAL PRECAUTIONS: See Section 8

EXTINGUISHING MEDIA: Carbon Dioxide, dry chemical or foam

FIRE FIGHTING PROCEDURES: Isolate scene. Use appropriate extinguishing media. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus with full face-piece operated in positive pressure mode. Fight as volatile liquid fire. Closed containers may explode when exposed to extreme heat - Keep away from areas exposed to fire.

UNUSUAL FIRE HAZARD: Vapors are heavier than air and may travel along the ground and be ignited by heat, open flame or other ignition sources. Keep containers tightly closed. Isolate from heat, sparks, electrical equipment and open flames. Closed containers may explode when exposed to extreme heat. Thermal decomposition can lead to release of irritating gases and vapors.

6. ACCIDENTAL RELEASE MEASURES

SPILL: Evacuate all nonessential personnel. Remove all sources of ignition. Ventilate the area. Equip employees with appropriate personal protective equipment. Dike around spilled material. Cover spill with inert absorbent material. Use nonsparking tools.

PERSONAL PRECAUTIONS: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate unnecessary personnel to safe areas. Beware of vapors, accumulating to form explosive concentrations.

METHOD OF CLEAN UP: Contain spillage. Absorb with inert dry material and place in appropriate waste disposal container. Dispose of in accordance with all local, State or Federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Avoid exposure to high temperatures. Do not allow to freeze. This product is stable under normal use and storage conditions. Keep out of reach of children. Do not store or use near sources of high temperature, near fire or open flame, or other ignition sources. All equipment should be grounded and bonded to reduce static electricity hazard. Use non sparking tools.

CONDITIONS FOR SAFE STORAGE: Keep container tightly closed in a dry, cool and well-ventilated area, away from sources of heat, fire or sparks. Do not store in unlabeled containers. Keep separate from oxidizing materials.

8. EXPOSURE CONTROLS\PERSONAL PROTECTION

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>OEL</u>
ALIPHATIC PETROLEUM DISTILLATES	64742-88-7	OSHA TWA: 500 ppm, ACGIH TWA: 200 mg/m ³

ENGINEERING CONTROLS: Use only with proper ventilation. Use explosion-proof ventilation equipment if necessary.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side shields or chemical splash goggles.

SKIN: Chemical resistant impervious gloves.

RESPIRATORY: In case of insufficient ventilation wear suitable respiratory equipment.

WORK HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practice(s). Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use.

OTHER PRECAUTIONS: Wear impervious clothing and appropriate footwear.

9. PHYSICAL AND CHEMICAL PROPERTIES

COLOR & PHYSICAL STATE: Clear liquid	SPECIFIC GRAVITY: 0.8647
ODOR: Characteristic of hydrocarbon solvents	VAPOR DENSITY: Heavier than air
ODOR THRESHOLD: No information available	VAPOR PRESSURE: No information available
BOILING POINT: 300.0 deg F	SOLUBILITY IN WATER: Not applicable
MELTING POINT: No information available	PARTITION COEFFICIENT: No information available
FREEZING POINT: Not applicable	AUTO IGNITION TEMPERATURE: No information available
EVAPORATION RATE: No information available	DECOMPOSITION TEMPERATURE: No information available
FLAMMABILITY (solid,gas): Not applicable	FLAMMABILITY LIMITS: .6% TO 6.0%
VISCOSITY: 18" - 22" #2 ZAHN	FLASH POINT & METHOD: 104.00 deg F deg F TCC
pH: Not applicable	

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.
POSSIBILITY OF REACTION: Under normal conditions of storage and use, hazardous reactions will not occur. Vapors may form an explosive mixture with air.
CONDITIONS TO AVOID: Heat, flames and sparks. Extremes in temperature and direct sunlight.
INCOMPATIBLE MATERIALS: Avoid contact with strong oxidizing agents, heat and open flames. Strong acids and alkalis and materials that react with water.
DECOMPOSITION PRODUCTS: None known. May form toxic materials, carbon dioxide, carbon monoxide, etc.

11. TOXICOLOGICAL INFORMATION

ACUTE SIGNS AND SYMPTOMS OF OVEREXPOSURE:

EYE: Causes serious eye irritation.
SKIN: Prolonged or repeated skin contact may cause irritation. Allergic reactions are possible.
INHILATION: Harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. May cause headaches and dizziness. High vapor concentrations are irritating to the eyes, nose, throat and lungs. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Prolonged or excessive inhalation may cause respiratory tract irritation.
INGESTION: Harmful if swallowed. Aspiration hazard if swallowed; can enter lungs and cause damage.
CHRONIC EFFECTS: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGICAL INFORMATION

ALIPHATIC PETROLEUM DISTILLATES (64742-88-7)

Acute Oral toxicity	LD50 (rat): >5000 mg/kg
Acute inhalation toxicity	No data available
Acute dermal toxicity	LD50 (rabbit): >2000 mg/kg

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Prevent entry into waterways, sewers or confined areas. Do not allow material or used container to contaminate ground water system.
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13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with all local, State and Federal regulations.
CONTAINER: Empty containers may contain product residue and should not be reused. Vapors from residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers.

14. TRANSPORT INFORMATION

SPECIAL The flash point for this material is greater than 100 F (38 C). Therefore, in accordance with 49 CFR 173.150(f)
TRANSPORT non-bulk containers (<450L or <119 gallon capacity) of this material may be shipped as nonregulated when
PRECAUTIONS: transported solely by land, as long as the material is not a hazardous waste, a marine pollutant, or specifically listed as a hazardous substance.

UN NUMBER: Not regulated
DOT HAZARD CLASS: -
ERG #: -

UN PROPER SHIPPING NAME: -
PACKING GROUP: -
MARINE POLLUTANT: -

15. REGULATORY INFORMATION

TSCA CERTIFICATION: All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

SARA 311/312 HAZARD CATEGORIES:

ACUTE HEALTH: Yes
CHRONIC HEALTH: No
FIRE: Yes
PRESSURE GENERATING: No
REACTIVE: No

SARA 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

NONE

16. OTHER INFORMATION

REVISION DATE: 06/01/15

NFPA CODES

HMIS RATING	
Health :	2
Flammability :	2
Reactivity :	0
Personal Protection :	X



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