



**SAFETY DATA SHEET**  
**QUICSEAL 721**  
**Form Release Agent For Non-Porous Forms**

**1. IDENTIFICATION OF THE PRODUCT AND THE SUPPLIER**

Product Name : QUICSEAL 721 -Form Release Agent For Non-Porous Forms  
Product Use : It is use as form release agent for Steel, Aluminum, ABS Plastics and High Density Overlay (HDO) Plywood

Details of the supplier:

*QUICSEAL CONSTRUCTION CHEMICALS PTE LTD*  
*No. 7 Eunos Avenue 8A*  
*Eunos Industrial Estate*  
*Singapore 409460*

Emergency Contact No.: (65) 6742 4466

**2. HAZARDS IDENTIFICATION**

**CLASSIFICATIONS OF THE SUBSTANCE OR MIXTURE**

**GHS PRODUCT CLASSIFICATION**

Acute Toxicity, Oral  
Skin Irritation  
Eye Irritation  
Acute Toxicity, Inhalation

**GHS CLASSIFICATION**

Category 5  
Category 3  
Category 2B  
Category 5

SIGNAL WORD: WARNING

NO PICTOGRAM REQUIRED

**Hazard Statements:**

Ingestion H303: May be harmful if swallowed.  
Skin H316: Causes mild skin irritation.  
Inhalation H333: May be harmful if inhaled.  
Eyes H320: Causes eye irritation.

**Precautionary Statements:**

P202: Do not handle until all safety precautions have been read and understood.  
P233: Keep container tightly closed.  
P261: Avoid breathing dust/fume/mist/vapors/spray/aerosol. P262: Do not get in eyes, on skin, or on clothing.  
P264: Wash hands thoroughly after handling.  
P270: Do not eat, drink, or smoke when using this product.  
P280: Wear protective gloves/protective clothing/eye protection.  
P281: Use personal protective equipment as required.

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**3. COMPOSITION / INFORMATION ON INGREDIENTS**

The precise composition of this mixture is proprietary information. A complete disclosure will be provided to a physician or nurse in the event of a medical emergency.

Component	CAS#	TLV/TWA
=====	=====	=====
<95% Mineral oil blend	64742-52-5	OSHA: 5 mg/m3
Not provided	Not provided	Not Provided

*The above information is for QUICSEAL 721 Concentrate. The product is not formulated for use in a concentrated form and must be diluted with water. At the strongest recommended mix ratio of 15parts water to 1part QUICSEAL 721.*

**4. FIRST-AID MEASURES**

Eye Contact:

- P264 : Wash hands thoroughly after handling.
- P305/P351/P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337/P313 : If eye irritation persists: Get medical advice/attention.

Skin Contact:

- P350 : Gently wash with plenty of soap and water.
- P303/P361/P353 : IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P332/P313 : If skin irritation persists: Get medical advice/attention.
- P363 : Wash contaminated clothing before reuse.

Inhalation:

- P304/P341 : IF INHALED: If breathing is difficult, remove subject to fresh air and keep at rest in a position comfortable for breathing.
- P309/P313 : If exposed or you feel unwell, get medical advice/attention.

Ingestion:

- P264 : Wash hands thoroughly after handling.
- P270 : Do not eat, drink or smoke when using this product. P301/P312: If SWALLOWED: Call a POISON CENTER or doctor/physician IF you feel unwell.
- P301/P331/P330 : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P501 : Dispose contents/container in accordance with local/regional/national/international regulation(s).

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**5. FIRE-FIGHTING MEASURES**

Extinguishing Media	Halon, CO2, Dry Chemical, Foam, Water Spray or Water Fog.
Water may be	used to cool below flash point.
Flash Point	>325 °F (163 °C)
Flash Point Method	COC
Auto Ignition Temperature	>600 °F (>315 °C)
Flammability Classification	OSHA Class III-B Combustible Liquid
Unusual Fire or Explosion Hazards	Do not use forced stream as this could cause fire to spread
NFPA Rating	Health – 1    Flammability – 1    Reactivity – 0
HMIS Rating	Health – 1    Flammability – 1    Physical Hazards – 0
Combustion Products	Fumes, smoke and carbon monoxide
Fire Fighting Instructions & Equipment	Water may cause splattering. Use water to cool containers exposed to fire and to protect personnel. Fire fighters should wear proper protective equipment and clothing including respiratory protection (positive pressure if available).

**Hazard Rating**

NFPA Code	0=Least	1=Slight	2=Moderate	=High	4=Extreme
HMIS Code	0=Least	1=Slight	2=Moderate	=High	4=Extreme

**6. ACCIDENTAL RELEASE MEASURES**

*Personal Protective Equipment must be worn. See Personal Protection Section 8 for PPE recommendations.*

**Spill / Leak Procedures:** Spill area will be slick. Stop spill at source if possible. Eliminate sources of ignition. Prevent entry into sewers and waterways. Contain spill. Ventilate area if spilled in a confined space or other poorly ventilated areas. Residual liquid can be absorbed by inert material. Recover all possible material for reclamation. Dispose of in accordance with all Federal, State and Local environmental regulations.

**Spill to Navigable Waters:** If this material is spilled into navigable waters and creates a visible sheen, it is reportable to the National Response Center at (USA) 800.424.8802.

**7. HANDLING AND STORAGE**

**Work/Hygienic Practices:**

Wash hands with soap and water before eating, drinking, smoking or use of toilet facilities. Do not use gasoline, solvents, kerosene or other harsh or abrasive skin cleaners for washing exposed skin areas. Take a shower after use if general contact occurs. Wash thoroughly after handling. Launder articles before reuse and discard saturated articles that cannot be cleaned thoroughly.

**General Handling Procedures:**

Wear water/oil resistant gloves and protective clothing. (Nitrile or Neoprene). Wear chemical goggles with side shields. Keep containers closed when not in use. Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near containers. Empty containers contain product residue which may exhibit hazards of the product. Maximum handling temperature has not been determined. Use only outdoors or in a well-ventilated area. Indoor use: Provide adequate ventilation, including appropriate local extraction.



**Storage Procedures:**

Do NOT store near potential sources of ignition. Rotate stock. Store in clean, dry containers at ambient temperatures and it should remain stable unless it is contaminated. Do NOT store at temperatures great than 120°F (49°C). Maximum storage temperature has not been determined. NFPA Class III-B storage.

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Ventilation Procedures: Minimize breathing vapor, mist or fumes. Use with adequate ventilation to control vapor concentrations



Skin Protection: As needed to prevent repeated skin contact. Oil-resistant gloves should be used if needed. Wash hands thoroughly after handling. Long sleeve shirt is recommended. Use chemically protective boots when necessary to avoid contaminating shoes. Do NOT wear rings, watches or similar apparel that could entrap the material and cause skin irritation.



Eye Protection: Wear safety glasses with side shields or full-face shield as needed.



Respiratory Protection: Not normally needed. Use NIOSH/MSHA approved respirator with a dust mist cartridge if the recommended exposure limit is exceeded.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Amber viscous liquid at room temperature
Upper/lower flammability or explosive limits:	None Known
Colour	Yellowish White
Odor:	Mild
Vapor pressure:	Not Determined
Odor threshold:	Not Determined
Vapor density (Air=1):	>5
pH:	8.61
Relative density:	Not Determined
Specific Gravity (H <sub>2</sub> O = 1):	@ 60°F – 1.00
Melting point/freezing point:	Not Determined
Initial boiling point and boiling range:	Not Determined
Flash point:	>325°F (>163°C); Cleveland Open Cup (Min.)
Evaporation rate:	Not Determined
Flammability (solid, gas):	Not Determined
Partition coefficient: n-octanol/water:	Not Determined
Auto-ignition temperature:	Not Determined
Decomposition temperature:	Not Determined
Viscosity:	10.4 cps (Spindle 1, 100RPM)
% Volatile:	NIL (LUP-VOC)

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## 10. STABILITY AND REACTIVITY

Reactivity:	Hazardous polymerization will not occur. Avoid contact with strong acids, strong alkalis and strong oxidizing agents.
Stability:	Product as supplied is stable. Avoid sources of ignition.
Hazardous Decomposition Products:	Smoke, carbon monoxide, aldehydes and other products of incomplete combustion.

## 11. TOXICOLOGICAL INFORMATION

Eye Effects:	Minimal irritation possible on contact. Does not meet Canadian D2B or EU R36 criteria. Based on data from components or similar materials.
Skin Effects:	Not expected to be a primary skin irritant. Not expected to meet EU R38 criteria. Based on data from components or similar materials. Prolonged or repeated contact, as from wet clothing, may cause drying, defatting of skin and dermatitis
Respiration Irritation:	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.
Dermal Sensitization:	NO data available to indicate product or components may be a skin sensitizer.
Inhalation Sensitization:	NO data available to indicate product or components may be a respiratory sensitizer.
Exposure Limits:	Contains mineral oil. Under conditions which may generate mists, observe the OSHA PEL of 5mg per cubic meter, ACGIH STEL of 10mg per cubic meter.
Chronic Toxicity:	No data available to indicate product or components present at greater than 1% are chronic health hazards.
Dermal Toxicity:	Rabbit: LD50>2000mg/kg. Based on data from components or similar materials.
Inhalation Toxicity:	Not expected to be a toxic inhalation hazard. Based on data from components or similar materials.
Oral Toxicity:	Rat: LD 50>5000mg/kg. Based on data from components or similar materials.
Reproductive Toxicity:	No data available to indicate either product or components present at greater than 0.1% may cause reproductive toxicity.
Carcinogenicity:	This material is formulated with mineral oils which are considered to be severely refined and are not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP 346 test.
Mutagenicity:	No data available to indicate either product or components present at greater than 0.1% are mutagenic or genotoxic.
Teratogenicity:	No data available to indicate either product or components present at great than 0.1% may cause birth defects.

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**12. ECOLOGICAL INFORMATION**

Freshwater Fish Toxicity:	Not Determined
Saltwater Fish Toxicity:	Not Determined
Miscellaneous Toxicity:	Not Determined
Algal Inhibition:	Not Determined
Bacteria Toxicity:	Not Determined
Biodegradation:	Not Determined
Soil Mobility:	Not Determined
Bioaccumulation:	0.1-1% of the components display no potential to bioconcentrate
Freshwater	96 hr. acute static toxicity for Pimephales pomelas (Fathead minnow)
Invertebrates Toxicity:	LC50 mortality is greater than 30,000 mg/L
Ecotoxicity:	Available data indicated this product is not acutely toxic.

**13. DISPOSAL CONSIDERATIONS**

Product:	As a chemical which is not hazardous waste under RCRA Regulation 40 CFR 261 if not contaminated. Follow Federal, State and Local regulations regarding chemical wastes. Do not flush to drain or storm sewer. Contact authorized disposal service.
Packaging, Empty:	Unclean containers should be recycled or disposed of. Receiver of container should be informed about the potential hazards as described in this Safety Data Sheet.

**14. TRANSPORT INFORMATION**

U.S. Shipping Information:	<b>REGULATION BY: D.O.T.:</b> Non-Hazardous. Not regulated by DOT <b>SHIPPING CLASS:</b> 55 <b>N.M.F.C.#:</b> 48580 – Sub 3 – Cleaning, Scouring or Washing Compounds, N.O.I., Liquid <b>SCHEDULE B#:</b> 3403.19.0000
Canadian Shipping Information:	Not regulated under Transportation of Dangerous Goods Act.
Other:	<b>NOT REGULATED:</b> ICAO/IATA, IMDG (ambient), U.S. Dot Bulk (ambient), U.S. Dot Non-Bulk, TDG Bulk (ambient, TDG Non-Bulk, Mexico, ADR/RID (ambient), ADG (ambient) <b>NOT DETERMINED:</b> IMDG (elevated), IMO Marine Bulk, USXCG Compatibility, U.S. Dot Bulk (elevated), TDG Bulk (elevated), ADR/RID (elevated), ADG (elevated) <b>NOT APPLICABLE:</b> IMDG EMS, IMDG MFAG

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## 15. REGULATORY INFORMATION

### TSCA Inventory Status:

The components of this product are listed, or are exempt from TSCA Chemical Substances Inventory. National, State and Local regulations pertaining to prevention of water pollution must be adhered to.

### SARA Title III Sec.302/304 Extremely Hazardous Substances

This product does not contain substances under section 302/304

### SARA Title III Sec. 313

This product does not contain greater than 1% (greater than 0.1% for carcinogenic substance) of any chemical substances listed under Section 313.

### TDG Regulated Limits:

None Known

### CERCLA 102(a)/DOT Hazardous Substances:

This product does not contain any chemicals listed under CERCLA 102.

### CERCLA/DOT Hazardous Substances:

None.

### V.O.C. Compliant:

Yes

### Australia:

All components are in compliance with chemical notification requirements in Australia.

### Canada:

All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.

### China:

All components of this product are listed on the Inventory of Existing Chemical Substances in China.

### EU EINECS:

All components are in compliance with the EC Seventh amendment Directive 92/32/EEC. No known R-Phrases or S-Phrases.

### Japan:

All components are in compliance with the Chemical Substances Control Law of Japan.

### Korea:

All components are in compliance in Korea.

### Philippines:

All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).

### Switzerland:

All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.

### California Proposition 65:

**WARNING:** Cancer and reproductive harm. Please visit: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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Florida:

None Present

Illinois DOL TSL:

None Present

Massachusetts RTK:

None Present

Minnesota RTK:

None Present

New Jersey RTK:

List petroleum oil, but this product does not contain hazardous ingredients.

Pennsylvania RTK:

List petroleum oil, but this product does not contain hazardous ingredients greater than 3%.

**16. OTHER INFORMATION***Abbreviations:*

ACGIH (American Conference of Governmental Industrial Hygienists); ANSI (American National Standards Institute); CAS (Chemical Abstract Service); CERCLA (Comprehensive Environmental Response, Compensation, & Liability Act); CFR (Code of Federal Regulations); CHIP (Chemicals Hazard Information & Packaging for Supply); COC Cleveland Closed Cup); CONCAWE (European Organization for Environment, Health & Safety); CPR (Controlled Products Regulations); DOL (Department of Labor); EEC (European Economic Community Directives); EINEXS (European Inventory of Existing Commercial Chemical Substances); EL50 (Effective loading rate required to immobilize 50% invertebrate species); ELINCS (European List of New Chemical Substances); EPA (Environmental Protection Agency); EPCRA (Emergency Planning & Community Right-To-Know Act of 1986); EU (European Union); FDA (Food & Drug Administration-USA); GHS (Global Harmonization System); HCS (Hazard Communication Standard); IARC (International Agency for Research on Cancer); ILO (International Labor Organization); LC50 (Lethal Concentration 50% test organisms); LD50 (Lethal Dose 50% test organisms); LVPVOC (Low Vapor Pressure Volatile Organic Compound); MSDS (Material Safety Data Sheet); SDS (Safety Data Sheet); MSHA (Mine Safety & Health Administration); NIOSH (National Institute of Occupational Safety & Health); NTP (National Toxicology Program); NOS (Not Otherwise Specified); OSHA (Occupational Safety & Health Administration); PEL (Permissible Exposure Limit); Prop 65 (California Proposition 65); PMCC (Pensky Martin Closed Cup); RCRA (Resource Conservation & Recovery Act); RTK (Right-To-Know); R-Phrases (EU Risk Phrases); S-Phrases (EU Safety Phrases); SARA (Superfund Amendments & Reauthorization Act); TDG (Transport Dangerous Goods); TSCA (Toxic Substances Control Act); TSL (Toxic Substance List); TLV (Threshold Limit Value); VOC (Volatile Organic Compounds); WHMIS (Workplace Hazardous Materials Information System-Canada); IrL50 (Inhibitory loading rate required to reduce algal growth rate by 50%); IbL50 (Inhibitory loading rate required to reduce area under growth curve or biomass by 50%); ppm (parts per million); mg/m3 (milligrams per cubic meter); N (no); Y (yes)

The information and data contained herein are believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since QUICSEAL Construction Chemicals Pte. Ltd. cannot know all of the uses to which its products may be put or the conditions of use; it makes no warranties concerning the fitness or suitability of its products for a particular use of purpose.

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