

# Material Safety Data Sheet

Infosafe No.            1LOOD            Issue Date: July 2001            RE-ISSUED by LOCTITE  
Product Name:        **LOCTITE 290 THREADLOCKER (SUPER WICK IN)**

**Classified as hazardous according to criteria of NOHSC**

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## COMPANY DETAILS

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### Company Name

HENKEL AUSTRALIA PTY LTD (ABN 82 001 302 996)

### Address

1 Clyde Street Silverwater  
NSW 2128 Australia

### Emergency Tel.

See CONTACT POINT

### Tel/Fax

Tel: 1300 885 556    Fax: (02) 9525 5643

### Other Information

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## IDENTIFICATION

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### Product Name

LOCTITE 290 THREADLOCKER (SUPER WICK IN)

### Proper Shipping Name

None Allocated

Other Names	<u>Name</u>	<u>Mancode</u>
	GRADE AA WELD SEALANT	8941 (250 ml)

Product Name : LOCTITE 290 THREADLOCKER (SUPER WICK IN)

LOCTITE 290 THREADLOCKER (SUPER WICK IN)	29020
LOCTITE 290 THREADLOCKER (SUPER WICK IN)	29050
LOCTITE 290 THREADLOCKER (SUPER WICK IN)	29070
GRADE AA WELD SEALANT	8931 (50 ml)
LOCTITE AUTOMOTIVE AFTER LOCK AA WELD SEALANT	19376

**UN Number**

None Allocated

**DG Class**

None Allocated

**Packing Group**

None Allocated

**Hazchem Code**

None Allocated

**Poisons Schedule**

Not Scheduled

**Product Use**

LOCK AND SEAL THREADED FASTENERS, SEAL LEAKS AND POROSITY IN CASTINGS AND WELDS.

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**Physical Data**

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**Appearance**

ANAEROBIC LIQUID, VERY LOW VISCOSITY, COLOUR GREEN.

**Melting Point**

not known

**Boiling Point**

not known

**Vapour Pressure**

0.1 mm of Hg at 25 °C

**Specific Gravity**

( @ 20 °C): 1.08 (approx)

**Flash Point**

100 °C (COC)

**Flamm. Limit LEL**

not known

**Explosion Data**

not known

Product Name : LOCTITE 290 THREADLOCKER (SUPER WICK IN)

**Other Properties****Volatile Component**

not known

**Autoignition Temp.**

not known

**Vapour Density**

not known

**pH Value**

3-6

**Form**

Liquid

**Decomposition****Temperature**

not known

**Molecular Weight**

not known

**Ingredients**

<b>Ingredients</b>	<b><u>Name</u></b>	<b><u>CAS</u></b>	<b><u>Proportion</u></b>
	POLYETHYLENE GLYCOL DIMETHACRYLATE POLYMER THICKENERS &PLASTICISERS	25852-47-5	0-95 %   0-67 %
	SILICON BASED FILLERS &THICKENERS		0-10 %
	SACCHARIN	81-07-2	0-5 %
	ORGANIC PEROXIDE	80-15-9	0-3 %
	INORGANIC PIGMENTS		0-1 %
	DIETHYL TOLUIDINE	613-48-9	0-0.9 %
	DIMETHYL ORTHO TOLUIDINE	609-72-3	0-0.3 %
	DYESTUFFS &STABILISERS		0-0.1 %
	IN PERCENTAGES(BY WEIGHT) LESS THAN SHOWN.		

NOTE:THE ABOVE  
INGREDIENTS ARE  
PRESENT

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## HEALTH HAZARD INFORMATION

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### Health Effects

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#### Acute – Swallowed

Practically non-harmful.

#### Acute – Eye

A mild eye irritant.

#### Acute – Skin

Contact with skin may result in irritation.  
REFER TO TOXICITY DATA SECTION.

#### Acute – Inhaled

Practically non-harmful by inhalation. Not normally an inhalation risk due to low vapour pressure at ambient temperatures.

#### Chronic

Repeated or prolonged skin contact can cause chronic dermatitis.

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### First Aid

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#### Swallowed

Give water or milk to drink. DO NOT induce vomiting.

#### Eye

Remove contact lenses. Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical advice.

#### Skin

Wash with plenty of soap and water. First rinse with plenty of water, then remove contaminated clothes, rinse again,

#### Inhaled

Remove victim to fresh air. Recovery should be rapid after removal from exposure.

#### First Aid

#### Facilities

Eyewash station and normal washroom facilities must be provided, and a safety shower is recommended.

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### Advice to Doctor

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### Advice to Doctor

Product Name : LOCTITE 290 THREADLOCKER (SUPER WICK IN)

REFER TO TOXICITY DATA SECTION.  
CONTACT LOCTITE AUSTRALIA PTY. LTD.

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### **Other Health Hazard Information**

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### **PRECAUTIONS FOR USE**

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#### **Exposure Limits**

Not applicable.  
TLV not established

#### **Eng. Controls**

Use with adequate ventilation.

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### **Personal Protection**

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#### **Protective Equip.**

Wearing of the following personal protective equipment is recommended. PVC or rubber gloves. Safety glasses.

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### **Flammability**

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#### **Fire Hazards**

Will burn if involved in a fire but not considered to be a significant fire risk.

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### **SAFE HANDLING INFORMATION**

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#### **Storage and Transport**

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##### **Storage and Transport**

No special precautions required. Store in cool place and out of direct sunlight.

Store in original LOCTITE containers or approved applicators. Preferred storage temperature range is between +5°C to +28°C. Never return residual unused product to original container as such residue may have become contaminated (e.g. by metal contact) and could reduce the stability of the bulk material.

I.A.T.A. Classification: Unrestricted.

##### **Other Storage**

##### **Info.**

LOCTITE CORPORATION produce a complete range of manual, semi-automatic and

Product Name : LOCTITE 290 THREADLOCKER (SUPER WICK IN)

automatic applicators for production requirements. Applicators help to speed production, eliminate waste and simplify handling. An applicator should always be used where the process involves workers continually handling sharp threaded, serrated or rough cast materials which affect the sensitive areas of the hands.

**Proper Shipping****Name**

None Allocated

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**Spills and Disposal**

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**Spills & Disposal**

Wipe up residue with a cloth. Rinse with solvent. In event of large spill: Use absorbent (soil or sand, sawdust, inert material, vermiculite). Dispose of in normal industrial waste bin. Wash area down with detergent and excess water. Flush to sewer (if permitted by local regulations).

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**Fire/Explosion Hazard**

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**Fire/Explos.****Hazard**

No unusual fire or explosion hazards. In case of fire in the surroundings: all extinguishing agents allowed. Extinguish fire with the following: Use carbon dioxide. Water.

**Hazardous Reaction**

Very strong oxidisers e.g. high pressure OXYGEN may cause SPONTANEOUS COMBUSTION. Destabilised and solidified by reducing agents.

**Hazchem Code**

None Allocated

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**OTHER INFORMATION**

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**Toxicology**

Toxicity: This product is not toxic and is not a common sensitizer (Guinea Pig Maximisation Test). However, caution should be exercised when fingers become damaged by swarf, macerated or cut by sharp or serrated threaded components. An allergic reaction has been known to occur with these types of products when the skin is in such an abused condition.. Never spread these products with the finger tips across sharp threaded components. Draize evaluation indicates these materials would be mild eye irritants. Aromatic amine contents in all cases are controlled below 1%. (These products have been judged to be non toxic materials and therefore free from all toxicant classification in Switzerland).

**Environ.**

Product Name : LOCTITE 290 THREADLOCKER (SUPER WICK IN)

**Protection**

Not available.

**Risk Statement**

R36/37 Irritating to eyes and respiratory system.

**Safety Statement**

S2 Keep out of reach of children.

S25 Avoid contact with eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 After contact with skin, wash immediately with plenty of soap and water.

S37/39 Wear suitable gloves and eye/face protection.

**Hazard Category**

Irritant

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**CONTACT POINT**

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**Contact**

Technical Services Manager: Gerard Buys 1300 885 556 / 0411 669 002

**...End Of MSDS...**