



MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: LOCTITE AUTOMOTIVE NO.3 AVIATION GASKET SEALANT

Product-Code: 661977

Intended use: Sealant

Supplier:

HENKEL AUSTRALIA PTY. LIMITED
ADHESIVE TECHNOLOGIES
135-141 Canterbury Road
3137 Kilsyth, Victoria

Australia

Phone: +61 (3) 9724 6444

Emergency information: 24 HOUR EMERGENCY CONTACT NUMBER 03 9724 6556

SECTION 2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE:

Hazardous according to the criteria of ASCC.

Classification of material Xi - Irritant F - Highly flammable

Risk phrases:

R11 Highly flammable.
R36 Irritating to eyes.
R43 May cause sensitisation by skin contact.
R67 Vapours may cause drowsiness and dizziness.

Safety phrases:

S16 Keep away from sources of ignition - No smoking.
S23 Do not breathe vapour.
S24 Avoid contact with skin.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S51 Use only in well-ventilated areas.
S36/37 Wear suitable protective clothing and gloves.

Dangerous Goods information:

Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Class or division:

3

Signal word:

HAZARDOUS



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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Rosin	8050-09-7	10 - 30 %
Propan-2-ol	67-63-0	10 - 30 %
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	14807-96-6	10 - 30 %
Quartz (SiO ₂)	14808-60-7	< 1 %
non hazardous ingredients~		30 - 60 %

SECTION 4. FIRST AID MEASURES

Ingestion:	Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.
Skin:	Rinse with running water and soap. Seek medical advice.
Eyes:	Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.
Inhalation:	Move to fresh air. Seek medical advice.
First Aid facilities:	Eye wash and safety shower

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Foam, extinguishing powder, carbon dioxide.
Combustion behaviour:	Solvent containing flammable product. In case of fire toxic gases are released.
Decomposition products in case of fire:	Oxides of carbon, oxides of nitrogen, irritating organic vapors.
Particular danger in case of fire:	Vapours may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.
Special protective equipment for fire-fighters:	Wear self-contained breathing apparatus.
Additional fire fighting advice:	In case of fire, keep containers cool with water spray.
Hazchem code:	•3YE

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions and emergency procedures:	Remove sources of ignition. Ensure adequate ventilation.
Environmental precautions:	Do not let product enter drains.



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Clean-up methods: Wipe up using absorbent material
Store in a partly filled, closed container until disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling: Keep away from sources of ignition - no smoking.
Vapours should be extracted to avoid inhalation.
Use only in well-ventilated areas.

Conditions for safe storage: Store in a cool, dry place.
Do not store near sources of heat or ignition, or reactive materials.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards:

Ingredient	form of exposure	TWA (ppm)	TWA (mg/m3)	Peak Limit. (mg/m3)	STEL (ppm)	STEL (mg/m3)
ROSIN CORE SOLDER PYROLYSIS PRODUCTS (AS FORMALDEHYDE) 8050-09-7			0.1	-	-	-
ISOPROPYL ALCOHOL 67-63-0		-	-	-	500	1,230
		400	983	-	-	-
TALC. (CONTAINING NO ASBESTOS FIBRES) 14807-96-6			2.5	-	-	-
QUARTZ 14808-60-7			0.1	-	-	-

Engineering controls: Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

Eye protection: Wear protective glasses.

Skin protection: Suitable protective clothing
The use of chemical resistant gloves such as Nitrile are recommended.

In circumstances where there is a potential for prolonged or repeated skin contact, the use of disposable gloves (polyethylene, natural rubber or equivalent ester-resistant material) is recommended.

Respiratory protection: Do not inhale vapors and fumes.
Use only in well-ventilated areas.
If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: brown
liquid
Odor: Alcoholic
Evaporation rate: 7.7
Vapor density: 2.07
(Air = 1)
Specific gravity: 1.12

Revision: 07.04.2011

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Boiling point:	82 °C (179.6 °F)
Flash point:	15 °C (59 °F)
Vapor pressure:	33 mm hg
Density:	1.1 g/cm ³
Solubility:	Solvent: , partially soluble
VOC content (1999/13/EC)	25 % (As defined in the Council Directive 2004/42/EC)

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid:	Stable under normal conditions of storage and use. Heat, flames, sparks and other sources of ignition.
Incompatible materials:	Strong oxidizing agents. Acids.
Hazardous decomposition products:	carbon oxides. aldehydes
Hazardous polymerization:	Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS:	
Ingestion:	May cause irritation to the gastrointestinal tract, mouth and mucous membranes. May be harmful if swallowed.
Skin:	Contact with skin can cause irritation and allergic reaction (sensitization) in some individuals.
Eyes:	Contact with eyes will cause irritation.
Inhalation:	Inhalation of vapors or mists of the product may be irritating to the respiratory system. May be harmful if inhaled.
Chronic effects:	No chronic health effects are expected from the intended use of these products or from foreseeable handling of them in the workplace.
Acute oral toxicity:	Propanol-2 67-63-0 LD 50 (Rat) = 5,045 mg/kg LD 50 (Mouse) = 3,600 mg/kg LD 50 (Dog) = 4,797 mg/kg LD 50 (Rabbit) = 6,410 mg/kg LD 50 (Rat) = 4.7 g/kg LD 50 (Rabbit) = 5.03 g/kg LD 50 (Mouse) = 4.5 g/kg LD 50 (Rabbit) = 8.0 g/kg

SECTION 12. ECOLOGICAL INFORMATION

General ecological information:	Cured Loctite products are typical polymers and do not pose any immediate environmental hazards. Precautions required with respect to Environmental Hazards of articles in which this product is used should be considered.
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Ecotoxicity: Do not empty into drains / surface water / ground water.
Mobility: Cured adhesives are immobile.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal of product: Dispose of according to regulations.
Disposal for uncleaned package: After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated. Disposal must be made according to official regulations.

SECTION 14. TRANSPORT INFORMATION

Road and Rail Transport:

Dangerous Goods information: Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).
UN no.: 1866
Proper shipping name: RESIN SOLUTION
Class or division: 3
Packaging group: II
Hazchem code: •3YE
Emergency information: Refer to the Dangerous Goods - Initial Emergency Response Guide HB 76.
EPG: 3A1

Marine transport IMDG:

UN no.: 1866
Proper shipping name: RESIN SOLUTION
Class or division: 3
Packaging group: II
EmS: F-E ,S-E
Seawater pollutant: -

Air transport IATA:

UN no.: 1866
Proper shipping name: Resin solution
Class or division: 3
Packaging group: II
Packaging instructions (passenger): 353
Packaging instructions (cargo): 364
Label: 3

SECTION 15. REGULATORY INFORMATION

SUSDP Poisons Schedule: None

AICS: All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICS).



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SECTION 16. OTHER INFORMATION

Abbreviations/acronyms: ADGC - Australian Dangerous Goods Code
ASCC - Australian Safety and Compensation Council
SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons
STEL - Short term exposure limit
TWA - Time weighted average

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