



## MATERIAL SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product name:** LOCTITE AUTOMOTIVE NO.4 GASKET CEMENT

**Product-Code:** 476033

**Intended use:** Car-care product

**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

**Risk phrases:**

R10 Flammable.

R36 Irritating to eyes.

R43 May cause sensitisation by skin contact.

**Safety phrases:**

S16 Keep away from sources of ignition - No smoking.

S24 Avoid contact with skin.

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

S36/37 Wear suitable protective clothing and gloves.

S60 This material and its container must be disposed of as hazardous waste.

**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	30 - 60 %
Ethanol	64-17-5	30 - 60 %
non hazardous ingredients~		< 10 %

### SECTION 4. FIRST AID MEASURES

<b>Ingestion:</b>	Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.
<b>Skin:</b>	Rinse skin immediately with plenty of water for 15 - 20 minutes. If adverse health effects develop seek medical attention.
<b>Eyes:</b>	Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.
<b>Inhalation:</b>	If inhaled, immediately remove the affected person to fresh air. If symptoms develop and persist, get medical attention.
<b>First Aid facilities:</b>	Eye wash

### SECTION 5. FIRE FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Carbon dioxide, foam, powder
<b>Combustion behaviour:</b>	Combustible Liquid
<b>Decomposition products in case of fire:</b>	Irritating smoke, carbon monoxide, and carbon dioxide.
<b>Special protective equipment for fire-fighters:</b>	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
<b>Hazchem code:</b>	•3YE

### SECTION 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions and emergency procedures:</b>	Avoid contact with skin and eyes. See advice in chapter 8
<b>Environmental precautions:</b>	Do not empty into drains / surface water / ground water.
<b>Clean-up methods:</b>	Absorb spill with inert material. Shovel material into appropriate container for disposal.

### SECTION 7. HANDLING AND STORAGE

<b>Precautions for safe handling:</b>	See advice in chapter 8
<b>Conditions for safe storage:</b>	Store away from incompatible substances, excessive heat, flames, sparks or other ignition sources. Store in a cool, dry, well-ventilated area.



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### 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	-	-	-
ETHYL ALCOHOL 64-17-5		1,000	1,880	-	-	-

**Engineering controls:** Ensure good ventilation/suction at the workplace.

**Eye protection:** Safety glasses.

**Skin protection:** Wear suitable protective clothing.  
Neoprene gloves

Butyl rubber gloves

Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.

**Respiratory protection:** 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  
Specific gravity: 1.1  
Flash point: < 23 °C (< 73.4 °F)  
Solubility: Solvent: Water, Partially soluble

### SECTION 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions of temperature and pressure.

**Conditions to avoid:** Avoid excessive heat and ignition sources.

**Incompatible materials:** Strong oxidizing agents.  
Acids.



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### SECTION 11. TOXICOLOGICAL INFORMATION

#### HEALTH EFFECTS:

<b>Ingestion:</b>	Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.
<b>Skin:</b>	Contact with skin can cause irritation and allergic reaction (sensitization) in some individuals.
<b>Eyes:</b>	Contact with eyes will cause irritation.
<b>Inhalation:</b>	May cause irritation to nose and throat.
<b>Chronic effects:</b>	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:	Ethanol 64-17-5	LD 50 (Rat) = 9.9 g/kg LD 50 (Mouse) = 3,450 mg/kg LD 50 (Rat) = 7,060 mg/kg LD 50 (Guinea pig) = 5.6 g/kg LD 50 (Rat) = 10.6 g/kg LD 50 (Rat) = 17.8 g/kg LD 50 (Rat) = 11.5 g/kg LD 50 (Rat) = 6.2 g/kg
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### SECTION 12. ECOLOGICAL INFORMATION

<b>General ecological information:</b>	Do not empty into drains / surface water / ground water. May cause long-term adverse effects in the aquatic environment.
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### SECTION 13. DISPOSAL CONSIDERATIONS

<b>Waste disposal of product:</b>	Dispose of waste and residues in accordance with local authority requirements.
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### 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
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



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### SECTION 15. REGULATORY INFORMATION

**SUSDP Poisons Schedule:** None

### 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

**Date of previous issue:** 16.08.2006

**Disclaimer:**

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