



MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: LOCTITE 7471 PRIMER (AEROSOL)

Proper Shipping Name: AEROSOLS

Product Code(s): 471308

Part Number(s): 21356 (125 gram)

Use: Used to increase the cure rate of LOCTITE anaerobic sealants, especially at low temperatures.

Supplier: HENKEL AUSTRALIA PTY. LIMITED ABN 82 001 302 996
TECHNOLOGIES
135-141 Canterbury Road, Kilsyth, Victoria, 3137. Tel:(03) 9724 6444
24 HOUR EMERGENCY CONTACT NUMBER Tel:(03) 9724 6556

SECTION 2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE:

Hazardous according to the criteria of ASCC. This material has been classified as Irritant (Xi).

Risk phrase(s):

R11 Highly flammable.
R36 Irritating to eyes.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

Safety phrase(s):

S16 Keep away from sources of ignition.
S23 Do not breathe vapour/spray.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S39 Wear eye/face protection.
S51 Use only in well ventilated areas.

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: 2.1 - Flammable gas

SUSDP POISON SCHEDULE: None allocated

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:

CHEMICAL ENTITY	CAS NO.	PROPORTION
Acetone	[67-64-1]	30-60%
Isopropanol	[67-63-0]	< 10%
Benzothiazole derivative		< 1%
N,N-Dialkyltoluidine		< 2%
Hydrocarbon propellant		10-30% w/w

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REVISION OF: 12.09.05
PROPRIETARY PRODUCT:

IDH NO: -
LOCTITE 7471 PRIMER (AEROSOL)



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SECTION 4. FIRST AID MEASURES

Ingestion: If swallowed, **do not induce** vomiting. For advice, contact a Poisons Information Centre (Phone 13 11 26) or a doctor.

Skin: Remove contaminated clothing and wash affected areas with plenty of water. If irritation occurs, seek medical attention.

Eyes: Hold eyes open and flush with water. If irritation occurs, seek medical attention.

Inhalation: If inhaled, remove from contaminated area. For all but the most minor symptoms, arrange for patient to be seen by a doctor as soon as possible.

Advice to doctor: Treat symptomatically.

First Aid facilities: Eye wash and washroom facilities

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Carbon dioxide, foam, dry chemical, water fog.

Hazards from combustion products: Under fire conditions, it will produce carbon monoxide and irritating fumes.

Precautions for fire fighters and special protective equipment: Heating aerosol containers may cause an explosion. Evacuate unprotected personnel from hazardous area. Fire-fighters should wear full protective clothing and self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Isolate all potential sources of ignition. Wear protective gloves and chemical goggles. For small spills, wipe up with a cloth. For large spills, collect spillage with inert absorbent materials (e.g. sand, earth, vermiculite) and transfer to sealable containers suitable for storing spilled material. Flush areas in contact with spilled material with adequate water to render the area safe for human contact. Do not allow product to enter waterways. Dispose of residues in waste disposal area in accordance with relevant State and Federal requirements.

SECTION 7. HANDLING AND STORAGE

Safe Handling: Observe recommendations made under SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION. Use with adequate ventilation. Wear butyl rubber gloves¹ and chemical splash goggles. Keep away from strong heat sources and naked flames.

Storage: Store indoors in a cool, dry, well ventilated area. Keep containers sealed when not in use. Protect from physical damage. This container is pressurised. Protect from sunlight and do not expose to temperatures exceeding 50° C. Store according to relevant State Dangerous Goods Storage Requirements.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards: TWA : 400 ppm (983 mg/m³) as isopropanol
500 ppm (1185 mg/m³) as acetone
STEL: 500 ppm (1230 mg/m³) as isopropanol
1000 ppm (2375 mg/m³) as acetone

Engineering controls: A local mechanical exhaust system is required where vapour or mist is being generated.



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Personal protective equipment: Avoid contact with skin and eyes. Wear overalls, butyl rubber gloves and chemical splash goggles. Use with adequate ventilation. If inhalation risk exists, wear an organic vapour respirator complying with the requirements of AS 1715 and AS 1716.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical data:

Appearance: Yellow liquid
Solubility: Soluble in water
Flash Point (TCC): -17°C approximately
Specific gravity: 0.79-0.80 @ 20°C

SECTION 10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of temperature and pressure.

Conditions to avoid: Heat, naked flames, sparks.

Incompatible materials: Keep away from oxidising agents and acids.

Hazardous decomposition products: When heated to decomposition, it will emit carbon monoxide and irritating fumes.

Hazardous reactions: Product will not polymerise.

SECTION 11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS:

Acute:

Ingestion: If swallowed, may cause irritation to the mouth, throat and digestive tract. Systemic effects may include nausea, vomiting, abdominal pain, metabolic changes and harmful effects to the liver and kidneys.

Skin: Contact with skin may result in mild irritation. This product can be absorbed through the skin.

Eyes: Liquid contact with the eyes can cause irritation.

Inhalation: Inhalation of vapour may cause respiratory irritation, headache, dizziness and drowsiness.

Chronic: Repeated or prolonged skin contact may cause defatting of the skin and lead to transient dermatitis.

Toxicity information: Oral LD₅₀ (rat) : 5045 mg/kg as isopropanol
Oral TDLo (man) : 2857 mg/kg as acetone

SECTION 12. ECOLOGICAL INFORMATION

Avoid contaminating watercourse and soil. No ecological data is available for this product. Acetone is readily biodegradable.

SECTION 13. DISPOSAL CONSIDERATIONS

Keep unwanted product in sealed containers for disposal via chemical waste collections. Do not puncture or incinerate containers, even after use. Empty containers should be disposed of at approved land waste site.



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SECTION 14. TRANSPORT INFORMATION

UN Number: 1950
Proper Shipping Name: AEROSOLS
Class: 2.1
Packing Group: -
Hazchem code: -
Emergency Information: Dangerous Goods-Initial Emergency Response Guide (SAA/SNZ HB 76)
Guide 49 or EPG 2D1

SECTION 15. REGULATORY INFORMATION

SUSDP POISON SCHEDULE: None allocated

SECTION 16. OTHER INFORMATION

Abbreviations/acronyms:

ASCC - Australian Safety and Compensation Council
SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons
TWA - Time-weighted average

Reference(s):

1. Quick Selection Guide to Chemical Protective Clothing, Fourth Edition, 2003: Forsberg and Mansdorf, Wiley-Interscience.

DISCLAIMER:

The percentage weight (% w/w) of ingredients is not to be taken as a specification guaranteed by Henkel Australia Pty. Limited, but only as an approximate guide to the content of hazardous ingredients in the material. The information contained herein does not constitute a guarantee by Henkel Australia Pty. Limited concerning the properties of the material.

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