



MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: LOCTITE 7387 ACTIVATOR

Proper Shipping Name: FLAMMABLE LIQUID, N.O.S (CONTAINS HEPTANES AND ISOPROPANOL)

Product Code(s): 991077

Part Number(s): 24059A (946 ml)

Use: LOCTITE 7387 is an activator designed to initiate the cure of Loctite toughened acrylic adhesives.

Supplier: HENKEL AUSTRALIA PTY. LIMITED ABN 82 001 302 996
ADHESIVE TECHNOLOGIES
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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 Harmful (Xn), Irritant (Xi) and Dangerous for the Environment (N).

Risk phrase(s):

R21/22 Harmful in contact with skin and if swallowed.
R36/38 Irritating to eyes and skin.
R50 Very toxic to aquatic organisms.
R53 May cause long term adverse effects in the aquatic environment.
R65 Harmful: May cause lung damage if swallowed.
R67 Vapours may cause drowsiness and dizziness.

Safety phrase(s):

S9 Keep container in a well-ventilated place.
S16 Keep away from sources of ignition.
S23 Do not breathe vapour.
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.
S29 Do not empty into drains.
S33 Take precautionary measures against static discharges.
S60 This material and its container must be disposed of as hazardous waste.
S61 Avoid release to the environment. Refer to special instructions / safety data sheets.
S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

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: 3 – Flammable liquid

SUSDP POISON SCHEDULE: 5



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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:

CHEMICAL ENTITY	CAS NO.	PROPORTION
n-Heptane	[142-82-5]	30-60%
3,5-Diethyl-1, 2-dihydro-1-phenyl-2-propylpyridine	[34562-31-7]	10-30%
Isopropanol	[67-63-0]	10-20%
3-ethyl-2-propylquinoline		<2%

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 soap and water. If irritation occurs, seek medical attention.

Eyes: Hold eyes open and flush with water. If irritation persists, 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.

Advice to doctor: Treat symptomatically. Due to a risk of aspiration into the lungs, gastric lavage should only be undertaken after endotracheal intubation.

First Aid facilities: Eye wash and safety shower

SECTION 5. FIRE FIGHTING MEASURES

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

Hazards from combustion products: Under fire conditions, it will produce noxious fumes, oxides of carbon and oxides of nitrogen.

Precautions for fire fighters and special protective equipment: Flammable liquid. Vapours are heavier than air and may accumulate in low areas or poorly ventilated areas to be ignited at locations distant from the handling site. Fire-fighters should wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Isolate all potential sources of ignition. As appropriate wear protective gloves, chemical goggles and safety boots. For small spills, wipe up with a cloth. For larger spills, collect spillage with inert absorbent materials (e.g. sand, earth, vermiculite) and transfer to sealable containers suitable for storing spilled material. Wash areas in contact with spilled material with adequate water to render the area safe for human contact. Note: Residues are not water soluble. Wash down waters may still contain residues which should be collected. Do not allow product to enter watercourse. Dispose of residues in chemical 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 in a well ventilated area. Keep away from sources of ignition. Wear nitrile rubber gloves and chemical splash goggles. Do not heat empty containers as they may contain product residue, which may cause a fire.



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Storage: Store indoors in a cool, dry, well ventilated area. Keep containers sealed when not in use. Protect from physical damage and keep away from direct sunlight, heat or sparks. Keep away from incompatible materials. Store according to relevant State Dangerous Goods Storage Requirements.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards:	TWA :	STEL:
n-heptane	400ppm (1640 mg/m ³)	500ppm (2050 mg/m ³)
isopropanol	400ppm (983 mg/m ³)	500ppm (1230mg/m ³)

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

Personal protective equipment: Avoid contact with skin and eyes. Wear nitrile rubber gloves and chemical splash goggles. Use in a well ventilated area. If exposure limits are exceeded, wear an organic vapour respirator complying with the requirements of AS 1715 and AS 1716.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical data:

Appearance:	Amber liquid
Specific gravity:	0.78
Solubility:	Not soluble in water
Flash Point:	-4°C
Boiling Point Range:	80°C approximately
Vapour Density (air = 1):	> 1.0
VOC content:	84%

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 strong acids and oxidising agents.

Hazardous decomposition products: When heated to decomposition, it will emit noxious fumes, oxides of carbon and oxides of nitrogen.

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. Aspiration of liquid into the lungs during ingestion or from vomiting may cause pneumonitis or pulmonary oedema.

Skin: Contact with skin can result in irritation.

Eyes: Liquid contact with the eyes may cause irritation.

Inhalation: Inhalation of vapour or mist may cause respiratory irritation, nausea, headache, dizziness and drowsiness. Exposure to high concentrations of vapour may cause poor coordination and loss of consciousness.

Chronic: Repeated skin contact may cause defatting of the skin and lead to dermatitis. Prolonged inhalation exposure may result in harmful effects to the central nervous system and liver



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Toxicity information: inh Acute LC₅₀ (rat):103 g/m³/4hr as heptane.

SECTION 12. ECOLOGICAL INFORMATION

Do not contaminate watercourse and soil. This product is very toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

¹Fish toxicity: 24 hr LC₅₀ (C.auratus) : 4 mg/l as for n-heptane
Daphnia toxicity: 48 hr EC₅₀ (Daphnia magna): 1.5 mg/l as for n-heptane

SECTION 13. DISPOSAL CONSIDERATIONS

Normally suitable for disposal by incineration in approved incineration plant. Containers should be drained and then left open to allow residual solvent films to evaporate prior to disposal at an approved land waste site.

SECTION 14. TRANSPORT INFORMATION

Refer to ADGC for the requirements relating to limited quantities.

UN Number: 1993
Proper Shipping Name: FLAMMABLE LIQUID, N.O.S (CONTAINS HEPTANES AND ISOPROPANOL)
Class: 3, Flammable
Packing Group: II
Hazchem code: ·3YE
Emergency Information: Dangerous Goods-Initial Emergency Response Guide (SAA/SNZ HB 76) Guide 14, or EPG 3A1

SECTION 15. REGULATORY INFORMATION

SUSDP POISON SCHEDULE: 5

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
TWA - Time-weighted average

Reference:

1. Ecological Data: Merck MSDS for n-Heptane, January 2002.

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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