

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: LOCTITE EDAG 1415M known as ELECTRODAG 1415 M

Product Code(s): 60955-3, 60955-6 & 60955-10

Use: Coating

Distributor: Ladd Research
3 Ewing Place
Essex Junction, VT 05452 USA
Telephone: +1 (802) 658-4961
Emergency Telephone: +1-703-741-5500 (Chemtrec)

SECTION 2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE:

This material has been classified as Harmful (Xn) and Irritant (Xi).

Risk phrase(s):

R11 Highly flammable
R20 Harmful by inhalation.
R36/37 Irritating to eyes and respiratory system
R66 Repeated exposure may cause skin dryness or cracking

Safety phrase(s):

S9 Keep container in a well-ventilated place.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S16 Keep away from sources of ignition - No smoking.
S29 Do not empty into drains.

DANGEROUS GOODS INFORMATION:

Classified as Dangerous Goods according to the criteria of 49 CFR parts 100 to 177

Class: 3 – Flammable liquid

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:

CHEMICAL ENTITY	CAS NO.	PROPORTION
Methyl isobutyl ketone	[108-10-1]	< 60% w/w
Non-hazardous components		to 100% w/w

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SECTION 4. FIRST AID MEASURES

- Ingestion:** If swallowed, **do not induce** vomiting. For advice, contact a Poison Information Center 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 for at least 15 minutes. If irritation develops, 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.

First Aid facilities: Eye wash and normal washroom facilities.

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Use foam, dry chemical, water fog or carbon dioxide.

Hazards from combustion products: In a fire, it will burn. Under fire conditions, it will release oxides of carbon and noxious fumes.

Precautions for fire fighters and special protective equipment: If there is a risk of exposure to products of combustion, fire-fighters should wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Wear protective gloves, chemical goggles and safety boots. For small spills wipe up with a paper towel and place in bin for disposal. For large spills absorb with inert absorbent materials (e.g. sand, earth, vermiculite). Transfer to sealable containers suitable for storing spilled material. Clean areas in contact with spilled material with adequate warm soapy water to render the area safe for human contact. Note: Residues are not water soluble. Do not allow product to enter watercourse. Dispose of solid 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. Avoid breathing vapour.

Storage: Store indoors in a cool, dry and well ventilated area. Keep containers sealed when not in use. Store in original containers away from heat, sparks and open flames. Optimum storage temperature: 5°C-30°C.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards: TWA - 20 ppm (205 mg/m³) as Methyl isobutyl ketone
STEL - 75 ppm (307 mg/m³) as Methyl isobutyl ketone

Engineering controls: None required under normal conditions of use.

Personal protective equipment: Avoid contact with skin and eyes. As appropriate, wear overalls, barrier or silver shield/4H gloves¹ and safety glasses with side shields. Use with adequate ventilation.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical data:

Appearance:	Silver liquid
Solubility in water:	Insoluble
Flash point:	14°C
Density:	1.63 g/cm ³
Viscosity:	250 – 500 mPa.s

SECTION 10. STABILITY AND REACTIVITY

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

Conditions to avoid: Open flames and sparks.

Incompatible materials: Keep away from strong oxidisers.

Hazardous decomposition products: Flammable liquid. In a fire, it can release oxides of carbon and noxious fumes.

Hazardous reactions: None if used for intended purpose.

SECTION 11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS:

Acute:

Ingestion: If swallowed, may cause nausea, vomiting, abdominal pain and harmful effects on the central nervous system. Aspiration of liquid into the lungs during ingestion or from vomiting may cause pneumonitis.

Skin: Contact with skin can result in irritation.

Eyes: Liquid contact with the eyes can cause irritation.

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

Chronic: Repeated or prolonged skin contact may cause defatting of the skin and lead to dermatitis. Long term inhalation exposure may lead to effects on the central nervous system.

Toxicity information: None available for this product.

SECTION 12. ECOLOGICAL INFORMATION

Do not allow product to contaminate waterways or soil. This product is harmful to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

SECTION 13. DISPOSAL CONSIDERATIONS

Unwanted material should be taken to a chemical waste collection site. Normally suitable for disposal by incineration in an approved incineration plant. Containers should be emptied prior to disposal at an approved landfill site.

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SECTION 14. TRANSPORT INFORMATION

UN Number: 1263
Proper Shipping Name: PAINT
Class: 3, Flammable
Packing Group: II

SECTION 15. REGULATORY INFORMATION

SUSDP POISON SCHEDULE: None allocated

SECTION 16. OTHER INFORMATION

DISCLAIMER:

The percentage weight (% w/w) of ingredients is not to be taken as a specification guaranteed by Henkel, 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 concerning the properties of the material.

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