



SAFETY DATA SHEET

According to REACH Regulation, (EC) No. 1907/2006
(REACH) amended by Regulation (EU) 2020/878

NTL SDS 050-1.2

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ALU TECH

SECTION 1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY / UNDERTAKING

- 1.1 Product name:** Alu Tech
1.2 Identified use(s): Anti-seize paste/assembly aid
Use(s) advised against: None known
1.3 Details of supplier of SDS: New Tech Lubes Ltd, Unit 2-4 Harrison Drive Ind Est, Worksop
Notts, S81 9RL
E Mail (competent person): info@newtechlubes.com
1.4 Emergency telephone: +44 (0)1909 730900 (08.00 -16.00 GMT Monday to Friday)

SECTION 2. HAZARDS IDENTIFICATION

- 2.1 Classification of the substance/mixture:** Not classified.
2.2 Label elements: N/A
2.3 Other hazards: The mixture does not contain any vPvB or PBT substances.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 Substances:** N/A
3.2 Mixture: This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II
3.3 Additional information: No additional information available.

SECTION 4. FIRST AID MEASURES

- 4.1 Description of first aid measures:**
Skin contact: Wash with soap and water.
Eye contact: Wash out all residual material with water. Bathe eye with running water for several minutes. If irritation continues seek medical advice.
Inhalation: Unlikely due to low volatility of product. If inhaled move to fresh air and seek medical advice.
Ingestion: Wash mouth with water. Do not induce vomiting, seek medical advice.
4.2 Most important symptoms and effects, both acute and delayed:
Skin contact: Repeated or prolonged skin contact may cause dermatitis and defatting.
Eye contact: Redness.
Ingestion: Harmful if swallowed.
4.3 Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

- 5.1 Extinguishing media:**
Suitable extinguishing media: Extinguish with dry powder, foam, sand, carbon dioxide, water spray.
Unsuitable extinguishing media: Water jet.

5.2 Special hazards arising from the substance or mixture: This product may give rise to hazardous fumes in a fire.

5.3 Advice for fire fighters: Wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures: Wear suitable protective equipment as in section 8. May cause slippery conditions underfoot. Remove ignition sources. Do not get in eyes, on skin or on clothing. Wear suitable protective clothing. Keep public away from danger area. Do not breathe fumes from fires or vapours from decomposition. Equip clean up crew with proper protection.

6.2 Environmental precautions: Prevent from entering drainage systems or water courses. Notify authorities if product does enter sewers or public waters.

6.3 Methods and material for containment and clearing: Apply suitable absorption media, transfer into suitable containers for recovery or disposal and scrub area with detergent and water to prevent slippery residues. Dispose of at a licensed waste collection centre.

6.4 Reference to other sections: For PPE and disposal see sections 8 and 13 respectively.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling: Provide good ventilation in process area to prevent formation of vapour. Use PPE as required. No open flames. No smoking. Avoid contact with skin, eyes and clothing. Do not breathe fumes from fires or vapours from decomposition. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Always wash hands after handling the product.

7.2 Conditions for safe storage, including any incompatibilities: Store in a dry place. Store in original container. Keep away from heat, hot Surfaces, sparks, open flames and other ignition sources. No smoking. Store in a dry place. Store between 5 and 30°C.

7.3 Specific end use(s): The identified use(s) for this product are detailed in Section 1.2.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters: The product does NOT contain substances with Professional Exposure Environmental Limit Values. The product does NOT contain substances with Biological Limit Values.

8.2 Exposure controls

Engineering controls: Ensure good ventilation of the work station.

Personal protective equipment:



Skin and body protection: Wear suitable protective clothing.

Respiratory equipment: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.

Hand protection: In case of repeated or prolonged contact wear gloves. Nitrile-rubber protective gloves.

Chemical resistant gloves (according to European standard NF EN 374 or equivalent). Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer.

Eye protection: Use splash goggles when eye contact due to splashing is possible.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Physical state: Smooth grease

Colour: Silver/grey

Odour: Slight

Melting point: No information available

Freezing point: No information available

Boiling point: No information available

Flammability: No information available

Lower and upper explosion limit: No information available
Flash point: >200°C
Auto-ignition temperature: No information available
Decomposition temperature: No information available
pH: No information available
Kinematic viscosity: No information available
Solubility in water: Insoluble
Partition coefficient n-octanol/water (log value): No information available
Vapour pressure: No information available
Density and/or relative density: No information available
Relative vapour density: No information available
Particle characteristics: Not applicable

SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity:** No dangerous reactions known under normal conditions of use.
- 10.2 Chemical stability:** Stable under proper storage and handling conditions.
- 10.3 Possibility of hazardous reactions:** No dangerous reactions known under normal conditions of use.
- 10.4 Conditions to avoid:** Powerful sources of ignition and extremes of temperature.
- 10.5 Incompatible materials:** Avoid contact with strong oxidising agents.
- 10.6 Hazardous decomposition products:** Oxides of carbon, possible smoke and soot.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Acute toxicity: Not considered toxic under normal handling.
(Acute LD50 - Rat oral > 2000mg/Kg)

Acute toxicity (oral): Not classified
Acute toxicity (dermal): Not classified
Acute toxicity (inhalation): Not classified
Skin corrosion/irritation: Not classified PH: Not applicable
Serious eye damage/irritation: Not classified PH: Not applicable
Respiratory or skin sensitisation: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive toxicity: Not classified
STOT-single exposure: Not classified
STOT-repeated exposure: Not classified
Aspiration hazard: Not classified
Potential adverse human health effects and symptoms: Repeated or prolonged skin contact may cause dermatitis and defatting.

SECTION 12. ECOLOGICAL INFORMATION

- 12.1 Toxicity:** Ecology- general: Notify authorities if product enters sewers or public waters. Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems
- 12.2 Persistence and degradability:** Not established.
- 12.3 Bio-accumulative potential:** Not established.
- 12.4 Mobility in soil:** Not established.
- 12.5 Results of PBT and vPvB assessment:** The mixture does not contain any vPvB or PBT substances.
- 12.6 Other adverse effects:** No additional information available.

SECTION 13. DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods:** Dispose of in a safe manner in accordance with local and national regulations. Avoid release to the environment. European List of Waste code (LOW): 12 01 12 – spent waxes and fats.

SECTION 14. TRANSPORT INFORMATION

- 14.1 UN number:** Not classified
- 14.2 UN proper shipping name:** Not classified
- 14.3 Transport hazard class:** Not classified
- 14.4 Packing group:** None
- 14.5 Environmental hazards:** Not applicable
- 14.6 Special precautions for user:** No data available.
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC code:** Not applicable

SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

EU Regulations:

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

VOC content: 0%

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU2019/1148 on the marketing and use of explosives precursors)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances).

SECTION 16. OTHER INFORMATION

Classification methods used to derive classification of mixture: Classification according to calculation procedure detailed in EC1272/2008

Legend:

LTEL: Long term exposure limit

STEL (SE): Short term exposure limit (Single exposure)

STOT: Specific target organ toxicity

PNEC: Predicted no effect concentration

DNEL: Derived no effect level

Additional information: This safety data sheet has been produced based on information supplied by the manufacturers of the materials therein and is believed to be accurate. No warranty is expressed or implied by this information. It is for the user to satisfy themselves of the suitability of the product for their own purposes.