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## HI TACK CHAIN OIL AEROSOL

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

- 1.1 Product Name:** Hi Tack Chain Oil (Aerosol)  
**1.2 Identified uses:** Industrial, automotive.  
**Uses advised against:** None known  
**1.3 Details of supplier of sds:** New Tech Lubes Ltd, Unit 3 Harrison Drive Ind Est, Worksop Notts, S81 9RL  
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**1.4 Emergency Telephone:** +44 (0)1909 730900 (09.00 -17.00 GMT Monday to Friday)

### SECTION 2. HAZARDS IDENTIFICATION

**2.1 Classification of the substance /mixture:**

**2.1.1 Regulation EC 1272/2008:**  
Aerosol (cat 1) H222

**2.2 Label elements:**



**Signal word(s):** Danger

**Hazard statements:**

H222 Extremely flammable aerosol  
H229 Pressurised container: may burst if heated

**Precautionary statements:**

P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking  
P211 Do not spray on an open flame or other ignition source  
P251 Pressurised container – do not pierce or burn even after use.  
P261 Avoid breathing fumes/ vapours/spray  
P271 Use only outdoors or in well-ventilated area  
P280 Wear protective gloves/ protective clothing/ eye protection  
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C

### 2.3 Other hazards

The mixture does not contain any vPvB or PBT substances.  
Danger of bursting (explosion) when heated over 50°C

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

### 3.2 Mixture:

HAZARDOUS INGREDIENTS	%W/W	CAS No EC No	REACH REG NO	HAZARD PICT/STATEMENTS
Hydrocarbon aerosol propellant (<0.1 butadiene)	25-50	68476-85-7 270-704-2	N/A	Flam gas1, H220
Mineral oil – paraffinic, severely refined	50-75	Mixture	N/A mixture	Asp Tox 1 H304

### 3.3 Additional information

See sect 16 for full text of H phrases.

## SECTION 4. FIRST AID MEASURES

### 4.1 Description of first aid measures:

Eyes: Remove contact lenses. Rinse with water immediately for at least 10 minutes. Obtain medical attention if any discomfort occurs.

Skin: Remove severely contaminated clothing. Wash with soap and water. Obtain medical attention if any discomfort occurs.

Inhalation: Move to fresh air. Provide rest and warmth. If effects occur, obtain medical attention.

Ingestion: If swallowed, drink plenty of water. **Do not induce vomiting.** Obtain immediate medical attention.

### 4.2 Most important symptoms and effects, both acute and delayed.

The following symptoms may be apparent depending upon the routes of absorption as detailed in 4.1 above; eye irritation, headache, nausea, dizziness, respiratory tract irritation..

Resultant acute /long-term effect to the CNS, dermatitis, vomiting, diarrhoea and are further detailed in sect 11

### 4.3 Indication of any immediate medical attention and special treatment needed.

Excessive exposure may aggravate pre-existing asthma and other respiratory disorders.

## SECTION 5. FIRE FIGHTING MEASURES

### 5.1 Extinguishing media:

Suitable extinguishing media: Powder, alcohol resistant foam. CO<sub>2</sub>, dry chemicals.

Unsuitable extinguishing media: Water stream

### 5.2 Special hazards arising from the substance or mixture

May produce oxides of Carbon and other combustion products. Danger of explosion when heated. Contents will add to fuelling of fire. Solvent vapours may form explosive mixtures with air.

### 5.3 Advice for fire-fighters

Wear SCBA. Keep containers cool by spraying with water. Ventilate closed spaces before entering.

## SECTION 6. ACCIDENTAL RELEASE MEASURES:

### 6.1 Personal precautions, protective equipment and emergency procedures

Remove possible sources of ignition. Avoid breathing fumes/ vapours. Ensure sufficient ventilation. Wear suitable protective equipment as in Sect 8.

### 6.2 Environmental precautions.

Prevent from entering drainage systems or water courses.

### 6.3 Methods and material for containment and clearing

If spray or gas escapes, ensure plenty of fresh air / ventilation. Absorb spilled contents on inert material such as sand or earth - collect and dispose of as in Sect 13. Scrub area with detergent and water to prevent slippery residues.

### 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

Keep away from all sources of ignition. Wear protective gloves/ eye protection. Do not use on hot surfaces .Wash hands after use and before eating. Do not breathe vapours / fumes.

### 7.2 Conditions for safe storage, including any incompatibilities

Store tightly closed, in a cool, dry, ventilated area. Keep protected from direct sunlight and temperatures above 50°C.

### 7.3 Specific end use (s)

For general applications in industrial and automotive use requiring tack.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

Workplace exposure limits

Ingredients	LTEL 8 Hr	STEL 15 min	Note
Oil mists	5 mg/m <sup>3</sup>	-	NIOSH
Hydrocarbon aerosol propellant ( <0.1 butadiene)	1000 ppm	1250 ppm	EH40

Biological limit value - Not established

PNECs, DNELs - Not established

### 8.2 Exposure controls

**8.2.1** Appropriate engineering controls - Ensure good ventilation /local exhaust ventilation to keep airborne contaminants below exposure limits.

**8.2.2** Personal protective equipment:

Eye / face protection - Safety goggles/glasses if there is a risk of eye contact.

Skin protection – Nitrile gloves (EN 374). See glove manufacturer data for glove selection and breakthrough time for use conditions.

Respiratory protection – If engineering controls do not maintain safe level, then filter/respirator. Type A filter material.

**8.2.3** Environmental exposure controls – See sects 6,12, 13.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 Information on basic physical and chemical properties

Appearance/physical state:	Aerosol
Colour:	Clear, colourless
Odour:	Mild, oil
Odour threshold:	Not established
pH:	Not applicable
Melting /freezing point:	< 0°C
IBP /boiling range:	< 0°C
Flash Point	< 0°C
Evaporation rate:	Not established
Upper /lower explosive limits:	1.8 – 9.4% by volume
Vapour pressure:	Approx 3 bar at 20°C
Vapour density:	Not established
Relative density:	Not applicable
Solubility:	Negligible water miscibility
Partition coefficient (n-octanol/water):	Not established
Auto-ignition temperature:	Not established
Decomposition temperature:	Not established
Viscosity:	Not applicable
Explosive properties:	Not established
Oxidising properties:	None

## 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 chemical reactions

No dangerous reactions known.

### 10.4 Conditions to avoid

Heat, flame and other ignition sources .Pressurised container: Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn even after use.

### 10.5 Incompatible materials

Avoid contact with strong oxidising agents

### 10.6 Hazardous decomposition products

None when used as directed.

## SECTION 11 TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### 11.1.2. Mixtures

Acute toxicity	} No data available
Irritation	
Corrosivity	
Sensitisation	
Repeated dose toxicity	
Carcinogenicity	
Mutagenicity	
Toxicity for reproduction	

### Other information

May cause irritation and discomfort to eyes. Prolonged or repeated contact may cause irritation and dermatitis. High concentrations of vapours may cause drowsiness and dizziness. Ingestion may cause irritation to mouth and cause damage to respiratory system.

#### Mineral oil – paraffinic, severely refined

Toxicity/ Effect	Endpoint	Value	Organism	Method	Notes
Tox -Oral	LD50	>5000mg/kg	Rat		
Toxi Inhal	LC50	>5000mg/m <sup>3</sup>	Rat		
Tox-Derm	LD50	>5000mg/kg	Rabbit		
Skin/ Eye -Irritat					Mild, short lasting eye discomfort
Sensitisation					No evidence skin /respiratory sensitiser
CMR - Mut					Not expected to be CMR toxicant

#### Hydrocarbon aerosol propellant (<0.1% Butadiene)

##### General

In low concentrations may cause narcotic effects. Symptoms include dizziness, headache, nausea and loss of co-ordination.

#### SECTION 12 ECOLOGICAL INFORMATION:

##### Mixture

##### 12.1 Toxicity

##### 12.2 Persistence and degradability

##### 12.3 Bioaccumulative potential

##### 12.4 Mobility in soil

##### 12.4 results of PBT and vPvB assessment

##### 12.6 Other adverse effects.

No data available

#### Mineral oil – paraffinic, severely refined

**12.1 Toxicity** – Not classified as dangerous for the environment.

**12.2 Persistence and degradability** – Limited biodegradability

**12.3 Bioaccumulative potential** – Has the potential to bio-accumulate.

**12.4 Mobility in soil** – Little mobility and low potential to migrate through soil.

**12.5 Results of PBT and vPvB assessment** – Not classified by current EU criteria.

**12.6 Other adverse effects** – None known

#### Hydrocarbon aerosol propellant (<0.1% Butadiene)

##### General

No known ecological damage.

#### SECTION 13 DISPOSAL CONSIDERATIONS:

##### 13.1 Waste Treatment Methods

Empty containers must not be burnt or incinerated because of explosion hazard. Dispose of in accordance with local authority guidelines. Empty aerosol products may be recyclable via local authority.

#### SECTION 14. TRANSPORT INFORMATION:

<b>14.1 UN number</b>	1950
<b>14.2 UN proper shipping name</b>	Aerosols
<b>14.3 Transport hazard class</b>	2 (UN / IMDG).
<b>ADR Classification code</b>	5F
<b>14.4 Packing group</b>	None
<b>14.5 Environmental hazards</b>	Not applicable

#### SECTION 15. REGULATORY INFORMATION:

##### 15.1 Safety, health and environmental regulations/legislation specific for the mixture

REACH - 1907/2006  
 CLP - 1272/2008  
 DPD - 199/45/EC  
 COSHH - 2002 (as amended)

##### 15.2 Chemical safety assessment

A CSA has not been carried out for this mixture.

#### SECTION 16. OTHER INFORMATION:

##### 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

##### Hazard statements –referred to in sect 3

H220 Extremely flammable gas  
 H304 May be fatal if swallowed and enters airways

##### Classification methods used to derive classification of mixture

Classification according to calculation procedure detailed in EC1272/2008

##### 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.