

## Silicone Lubricant HX200 Material Safety

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### 01 Identification of The Substance/Preparation and Company

**Substance:** Silicone Aerosol  
**Manufacturer:** D T Pearson, 12 Bawtry Road, Blyth, Worksop, Notts S81 8HG  
**Telephone:** 01909 591546

### 02 Composition/Information on Ingredients

Hazardous component	CAS Number	Index	Risk Phrases	Concentration
Hydrocarbon Distillate	92045-53-9	Xn	R65	5-30%
Pentane	109-66-0			5-30%
Liquified Petroleum Gas	68476-85-7			40-60%

### 03 Hazard Identification

Classified as Flammable under CHIP regulations.

### 04 First-aid Measures

**Eye contact:** Flush with clean water for 10-15 minutes. If irritation persists, obtain medical attention.

**Skin contact:** Wash off with soap and water. The application of skin reconditioning cream can be beneficial.

**Inhalation:** Remove to fresh air, if symptoms persist, seek medical advice.

**Ingestion:** If accidentally swallowed, obtain immediate medical attention. Keep at rest. **Do not induce vomiting.**

### 05 Fire-fighting Measures

**Extinguishing media:** Foam, Dry Powder, Co<sub>2</sub>, Powder, fine water spray/mist suitable. **Do not use water jet.**

**Fire and explosion hazards:** Fire will produce dense black smoke containing combustion products which may be a health hazard. Run off from fire must not enter drains. Spray containers with water to reduce risk of rupture/explosion. Contents of aerosol will add to fuelling of fire.

**Protective equipment:** Standard protective equipment. Fire fighters should enter area wearing breathing apparatus.

### 06 Accidental Release Measures

**Do not** allow product to soak into drains or water courses. Soak liquid in absorbent material and collect solids in a container. Exclude sources of ignition and ventilate the area.



For more information, or if you have any questions, please get in touch:  
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### 07 Handling and Storage

- Handling:** Avoid contact with skin and eyes. Observe good standards of industrial hygiene. Avoid breathing vapours.
- Storage:** Store in cool dry place away from heat or sources of combustion.
- Caution:** Pressurised container. **Do not** expose to temperatures >50°C. **Do not** puncture or incinerate, even when empty. **Do not** spray onto naked flame or incandescent material.

### 08 Exposure Controls/Personal Protection

Ingredient name:	OES/MEL	8hr TWA	10min STEL
Petroleum Distillate	OES	100ppm	125ppm
Butane	OES	600ppm	750ppm

- Respiratory protection:** Respiratory equipment should be worn when this product is sprayed, and airborne concentrations cannot be controlled below the OES/MEL.
- Hand protection:** PVC or rubber gloves are recommended.
- Eye protection:** Chemical eye goggles should be worn.
- Skin protection:** Remove contaminated clothing and wash with soap and water.
- Engineering measures:** Provide adequate ventilation to maintain the vapour concentration below the LEL and ensure the airborne concentrations are below the recommended OES.

### 09 Physical and Chemical Properties

- Appearance:** Colourless oil
- Odour:** Hydrocarbon
- pH Neat:** N/A
- Boiling point:** 71°C
- Water solubility:** Insoluble
- VOC Content:** 57g/100ml
- Autoflammability:** 230°C
- Physical state:** Aerosol
- Solubility Solvent:** Soluble in aliphatic hydrocarbons

### 10 Stability and Reactivity

- Stability:** Stable under normal conditions.
- Hazardous decomposition:** Smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.
- Conditions to avoid:** Naked flames, hot surfaces, other high temperature sources, oxidising agents



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### 11 Toxicological Information

**Ingredient name:** LD50(Animal/Oral)

Petroleum Distillate >5g/kg(rat)

**Inhalation:** Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness, and loss of consciousness. The vapour in high concentrations can cause intoxication, headache, nausea.

**Ingestion:** Swallowing of small amounts is not likely to cause serious discomfort. Swallowing of larger quantities may cause nausea, vomiting and diarrhoea.

**Skin contact:** Prolonged contact may cause defatting of skin, irritation, dryness possibly leading to dermatitis.

**Eye contact:** Contact with the eyes likely to cause irritation and stinging.

### 12 Ecological Information

There is no data available on the product itself. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

### 13 Disposal Considerations

**Method:** Product should be disposed of via an authorised waste disposal contractor in accordance with all local and national regulations. Dispose of empty containers in accordance with local and national regulations. Advice can be obtained from the Waste Regulation Authority whether special waste regulations apply to this product.

### 14 Transport Information

**UN No:** 1950  
**Class:** 2.1  
**Hazard:** Flammable  
**Proper shipping name:** Aerosols  
**EmS No:** 2-13  
**MFAG No:** 620  
**ADR Classification Code:** 5F  
**Limited Quantities Code:** LQ2



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### 15 Regulatory Information

Label for supply:



Risk phrases:

**R10:** Flammable

Safety phrases:

**S16:** Keep away from sources of ignition – no smoking

**S23:** **Do not** breathe vapour/spray

**S51:** Use only in well ventilated areas

### 16 Other Information

This Material Safety Data Sheet (MSDS) has been compiled by Hepworth Building Products, using the original Manufacturer's information where Hepworth are not the original manufacturer. In such cases the original manufacturer's details (name and address) are shown. This information is provided without any representation to its accuracy and does not constitute a guarantee of the product or its properties.

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### 17 Additional Information

This Material Safety Data Sheet in the CHIP format supersedes all previous issues, and users are cautioned to ensure it is current. Destroy all previous copies, and if in doubt contact Hepworth Building Products.



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