

Material Safety Data Sheet

Silicone Lubricant HX200

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

Hydrocarbon Distillate
 Pentane
 Liquified Petroleum Gas

CAS No.

92045-53-9
 109-66-0
 68476-85-7

Index

Xn

Risk Phrases

R65

Concentration

5-30%
 5-30%
 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, Co2, 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.

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:

Petroleum Distillate

Butane

OES/MEL

OES

OES

8hr TWA

100ppm

600ppm

10min STEL

125ppm

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.

11 Toxicological information

Ingredient name:

Petroleum Distillate

LD50(Animal/Oral)

>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

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

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