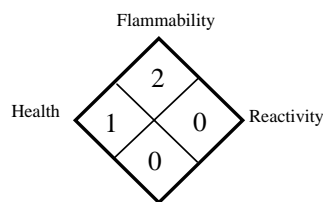


# MATERIAL SAFETY DATA SHEET

## L-45E

### NFPA Hazard Rating



0 = Minimum 1 = Light 2 = Moderate 3 = Serious 4 = Extreme

### Section 1 - Product Identification

J. WALTER COMPANY LTD.  
5977 Transcanada Highway  
Pointe-Claire, Quebec  
H9R 1C1  
Emergency: CANUTEC (613) 996-6666

Trade name: **Hang-On** (liquid)  
Product name: Adhesive lubricant  
Order no.: 53D813, 53D816, 53D817  
WHMIS Classification: B2, D2B  
Controlled under WHMIS: Yes

### Section 2 - Hazardous Ingredients

<u>Ingredients</u>	<u>CAS Number</u>	<u>% by Weight</u>	<u>LD<sub>50</sub>RAT</u>	<u>LC<sub>50</sub>RAT</u>
Pentane	109-66-0	50-70	N/Av	N/Av

### Section 3 - Physical / Chemical Characteristics

<b>Physical state:</b> Liquid	<b>Odour &amp; appearance:</b> Characteristic odour of solvent Pale yellow	<b>Odour threshold:</b> N/Av
<b>pH:</b> N/A	<b>Boiling point:</b> > 36	<b>Freezing point:</b> N/A
<b>Specific gravity:</b> 0,73 g/ml@20°C	<b>Vapour pressure:</b> 650 hPa @ 20°C	<b>Vapour density:</b> N/A
<b>Evaporation rate:</b> Fast	<b>VOC g/l:</b> 402	<b>Water solubility:</b> Not Soluble

### Section 4 - Fire & Explosion Hazard

**Flammability:** Yes **Conditions:** Will ignite in the presence of flame, spark or ignition source  
**Flashpoint:** -21 **Extinguishing media:** CO<sub>2</sub>, dry chemical, foam  
**Auto ignition temperature:** 285°C **Hazardous combustion products:** Normal combustion products  
**Flammable limits (%):** Upper: 7.8 Lower: 1.4 **Sensitivity to mechanical impact:** No **Or static discharge:** Yes

### Section 5 - Reactivity Data

**Chemical stability:** Yes **Conditions:** None  
**Reactivity conditions:** Do not expose to very high temperatures. Do not expose to open flame, spark or ignition source.  
**Incompatible substances:** Strong oxidizer agent  
**Hazardous decomposition products:** Normal combustion product

N/A - Not Applicable

N/Av - Not Available

# MATERIAL SAFETY DATA SHEET

## L-45E

### Section 6 - Toxicological Data

**Route of entry:** Eye and skin contact, inhalation, ingestion.

**Acute exposure effects** High levels of solvent vapours may cause drowsiness. Slight irritation of skin and eyes may occur.

**Chronic exposure effects:** A prolonged or repeated contact with the skin or eyes may cause irritation or burn.

**Exposure limits (TLV/TWA):** N/A

<u>Carcinogenicity</u>	<u>Mutagenicity</u>	<u>Reproductive toxicity</u>	<u>Teratogenicity</u>	<u>Synergistic effects</u>
No	No	No	No	No

If yes to any of the above, specify:

### Section 7 - Preventive Measures

**Protective equipment:** Eyewear, gloves, clothing.  
**Handling procedures:** Follow package instructions  
**Waste disposal methods:** Eliminate while respecting municipal, provincial and federal regulations.  
**Leak/spill procedures:** Wipe up spills with absorbant material  
**Storage requirements:** Store below 50°C.  
**Engineering controls:** Provide adequate ventilation  
**Handling equipment:** None  
**Special shipping information:** Flammable liquid N.O.S. (Pentane), Class 3, U.N. 1993, P.G. II

### Section 8 - First Aid Measures

**Skin contact:** Rinse thoroughly with soap and water for at least 15 minutes  
**Eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes.  
**Inhalation:** Remove patient to fresh air. Seek medical attention if needed.  
**Ingestion:** Do not induce vomiting. Seek medical advice if needed.  
**Other:** N/A

### Section 9 - Preparation of MSDS

**Prepared by:** International Product Manager - Chemical Tools  
**Telephone:** 1-888-592-5837  
**Date:** February 9th, 2009

*This data is offered in good faith as typical values and not as a product specification. No warranty, either express or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.*

N/A - Not Applicable

N/Av - Not Available