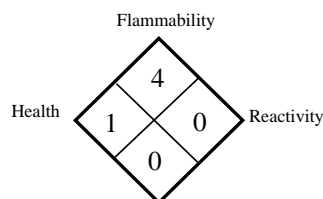


**NFPA Hazard Rating**


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

# MATERIAL SAFETY DATA SHEET

## L-33E

### Section 1 - Product Identification

 J. WALTER INC.  
 810 Day Hill Road  
 Windsor, CT 06095

**Trade name:** Hang-On, Spray  
**Product name:** Adhesive Lubricant  
**Order no.:** 53-D 812  
**WHMIS Classification:** A, B5, D2B  
**Controlled under WHMIS:** Yes

**Emergency:** INFOTRAC (800) 535-5053

### 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>
Aliphatic Hydrocarbon	64742-49-0	30-60	N/E	N/E
Propane	74-98-6	1-10.	N/E	N/E
Butane	106-97-8	20-30	N/E	N/E
Isobutane	75-28-5	1-10.		
Pentane	109-66-0	20-50		

### Section 3 - Physical / Chemical Characteristics

<b>Physical state:</b> Aerosol	<b>Odor &amp; appearance:</b> Distinctive odor, cream	<b>Odor threshold:</b> N/E
<b>pH:</b> N/E	<b>Boiling point:</b> N/E	<b>Freezing point:</b> N/E
<b>Specific gravity:</b> 0.65g/ml @ 20°C	<b>Vapor pressure:</b> 2500 hpa	<b>Vapor density:</b> N/E
<b>Evaporation rate:</b> N/E	<b>VOC g/l:</b> 265	<b>Water solubility:</b> Not soluble

### Section 4 - Fire & Explosion Hazard

**Flammability:** Yes     **Conditions:** Propane/Butane will ignite in presence of flame or spark

**Flashpoint:** (°C, Method) -60 (propellant) c.c.     **Extinguishing media:** CO<sub>2</sub>, dry chemical, foam

**Auto ignition temperature:** 510°C (propellant)     **Hazardous combustion products:** Normal products of combustion

**Flammable limits (%): (propellant)** Upper: 32 Lower: 1.4     **Sensitivity to mechanical impact or static discharge:** No

### Section 5 - Reactivity Data

**Chemical stability:** Yes     **Conditions:** None

**Reactivity conditions:** May explode if crushed or exposed to temperatures above 50°C. Do not puncture or incinerate .  
 Flammable in presence of ignition source

**Incompatible substances:** Strong oxidizers

**Hazardous decomposition products:** Normal products of combustion

N/A - Not Applicable

N/E - Not established

# MATERIAL SAFETY DATA SHEET

## L-33E

### Section 6 - Toxicological Data

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

**Acute exposure effects:** High levels of solvent vapors may cause drowsiness and may lead to cardiac arrest.

**Chronic exposure effects:** Prolonged contact may cause skin and eye irritation.

**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:** Do not smoke while using.  
**Waste disposal methods:** Eliminate while respecting municipal, provincial and federal regulations.  
**Leak/spill procedures:** Wipe up with an absorbent material. Do not dispose in sewer.  
**Storage requirements:** Store under 50°C.  
**Engineering controls:** Provide adequate ventilation.  
**Handling equipment:** None  
**Special shipping information:** TDG, aerosol, class 2.1, UN 1950

### Section 8 - First Aid Measures

**Skin contact:** Rinse thoroughly with soap and water for a minimum of 15 minutes.  
**Eye contact:** Rinse thoroughly with plenty of clean water for a minimum of 15 minutes.  
**Inhalation:** Remove patient to fresh air. Do not give stimulants. Seek medical advice if needed.  
**Ingestion:** Do not induce vomiting. Seek medical advice if needed.  
**Other:**

### Section 9 - Preparation of MSDS

**Prepared by:** Chemical Tools Manager  
**Telephone:** 860-298-1100  
**Date:** May 1, 2008

*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/E- Not established.