

**Section 1: Identification of the substance/mixture & of the company / undertaking****1.1 Product identifier****LMP750-\* (\*Suffix Blue, Red, Yellow, White)**

Product Name

Line Marker Paint. (All colours)

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Identified uses

Linemarker Paint PC9a coatings and paints, thinners, paint removers

**1.3 Details of the supplier of the safety data sheet**

Supplier

Specialised Wiring Accessories Ltd  
Abbey Mills  
Charfield Road  
Kingswood  
Wotton-Under-Edge  
Gloucestershire GL12 8RL

Tel: +44 (0) 01453 844 333 (Monday to Friday 8am to 5.30pm)

Fax: +44 (0) 01453 842 224

E-mail: sales@swaonline.co.uk

**Section 2: Hazard identification****2.1 Classification of the substance or mixture****Classification****Physical and Chemical hazards** Flam. Aerosol 1 - H222, H229**Health hazards** Eye Irrit. 2 - H319 STOTE SE 3 - H336**Environmental hazards** Aquatic Chronic 3 - H412**Human health**

Gas or vapour is harmful on prolonged exposure or in high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness, and nausea.

Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

**Environment**

The product is not expected to be hazardous to the environment.

**Physicochemical**

Aerosol containers can explode when heated, due to pressure build-up. The product is extremely flammable. When sprayed on naked flame or incandescent material the vapours can be ignited.

**2.2 Label elements****Pictogram****Signal Word****Danger**

## Hazard statements

- H222 Extremely flammable aerosol.
- H229 Pressurised container; may burst if heated.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H412 Harmful to aquatic life.

## Precautionary Statements

- P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
- P211 Do not spray on an open flame or other ignition source.
- P251 Pressurized container: Do not pierce or burn, even after use.
- P260 Do not breathe vapour / spray.
- P271 Use only outdoors or in a well-ventilated area.
- P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.
- P102 Keep out of reach of children.
- P501 Dispose of contents/container in accordance with local regulations.

**Contains** ACETONE, Hydrocarbons, C9, aromatics

## 2.3 Other hazards

This product does not contain any substances classified as PBT or vPvB

## Section 3: Composition / information on ingredients

### 3.2 Mixtures

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS		Content: 30 - 60%
CAS-No: 68476-85-7	EC No: 270-704-2	
<b>Classification</b> Flam. Gas 1 - H220 Press. Gas, Liquefied - H280		

ACETONE		Content: 10 - 30%
CAS-No: 67-64-1	EC No: 200-662-2	REACH Registration Number: 01-2119471330-49
<b>Classification</b> Flam. Liq. 2 - H225 Eye Irrit. 2- H319 STOTE SE 3 - H336		

HYDROCARBONS, C9, aromatics		Content: 10 - 30%
CAS-No:	EC No: 918-668-5	REACH Registration Number: 01-2119455851-35
<b>Classification</b> Flam. Liq. 3 - H226 STOT SE 3 - H335, H336 Asp. Tox. 1- H304 Aquatic Chronic 2 - H411		

TITANIUM DIOXIDE (WHITE COLOUR)		Content: 5 - 10%
CAS-No: 13463-67-7	EC No: 236-675-5	REACH Registration Number: 01-2119489379-17
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319		

The full text for all hazard statements are displayed in Section 16.

## Section 4: First aid measures

### 4.1 Description of first aid measures

#### **General information**

Move the affected person to fresh air at once.

#### **Inhalation**

In case of inhalation of spray/mist: Move person into fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provided artificial respiration. Keep the affected person warm and at rest. Get medical attention immediately.

#### **Ingestion**

Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention.

#### **Skin contact**

Remove contaminated clothing immediately and wash skin with soap and water.

#### **Eye contact**

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

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

**Notes for the doctor** - Treat symptomatically.

## Section 5: Firefighting Measures

### 5.1 Extinguishing media

#### **Extinguishing media**

Extinguish with foam, carbon dioxide, dry powder or water fog.

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

### **Specific hazards**

Containers can burst violently or explode when heated, due to excessive pressure build-up. Vapours are heavier than air and may spread near the ground and travel a considerable distance to a source of ignition and flash back. Containers can burst violently or explode when heated, due to excessive pressure build-up. Extremely flammable. Forms explosive mixtures with air.

## **5.3 Advice for firefighters**

### **Protective actions during firefighting**

Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Warn firefighters that aerosols are involved. Use water to keep fire exposed containers cool and disperse vapours.

## **Section 6: Accidental release measures**

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

Use suitable respiratory protection if ventilation is inadequate. Avoid inhalation of vapours.

### **6.2 Environmental precautions**

Avoid the spillage or runoff entering drains, sewers, or watercourses. Contain spillage with sand, earth, or any other suitable non-combustible material.

### **6.3 Methods and material for containment and cleaning up**

Eliminate all sources of ignition. No smoking, sparks, flames, or other sources of ignition near spillage. Provide adequate ventilation. Leave small quantities to evaporate, if safe to do so. Do not allow material to enter confined spaces, due to the risk of explosion. Absorb spillage with non-combustible absorbent material.

### **6.4 Reference to other sections**

For personal protection, see Section 8. For waste disposal, see Section 13.

## **Section 7: Handling and storage**

### **7.1 Precautions for safe handling**

Read and follow manufacturer's recommendations. Keep away from heat, sparks, and open flame. Eliminate all sources of ignition. Do not spray on a naked flame or any incandescent material.

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

Keep away from heat, sparks, and open flame. Store at moderate temperatures in dry, well ventilated area. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

### **7.3 Specific end use(s)**

The identified uses for this product are detailed in Section 1.2

## **Section 8: Exposure control / personal protection**

### **8.1. Control parameters**

#### **Occupational exposure limits**

**PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS** Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m<sup>3</sup>  
Short-term exposure limit (15 minute): WEL 1250 ppm 2180 mg/m<sup>3</sup>

<b>ACETONE</b>	Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m <sup>3</sup> Short-term exposure limit (15 minute): WEL 1500 ppm 3620 mg/m <sup>3</sup>
<b>HYDROCARBONS, C9, AROMATICS</b>	Long-term exposure limit (8-hour TWA): WEL 19 ppm 100 mg/m <sup>3</sup>
<b>TITANIUM DIOXIDE (WHITE COLOUR)</b>	Long-term exposure limit (8-hour TWA): WEL 10mg/m <sup>3</sup>

**WEL = Workplace Exposure Limit**

### Hydrocarbons, C9, Aromatics

<b>DNEL</b>	Consumers - Oral; Long-term systemic effects: 11 mg/kg/day Consumers - Dermal; Long-term systemic effects: 11 mg/kg/day Consumers - Inhalation; Long-term systemic effects: 32 mg/m <sup>3</sup> Industry - Dermal; Long-term systemic effects: 25 mg/kg/day Industry - Inhalation; Long-term systemic effects: 100 mg/m <sup>3</sup>
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**PNEC** This substance is a UVCB and conventional methods of defining DNEL and PNEC are not appropriate.

### Titanium dioxide (white colour) (CAS: 13463-67-7)

<b>DNEL</b>	Industry - Inhalation; Long-term local effects: 10 mg/m <sup>3</sup> Consumers - Oral; Long-term systemic effects: 70 mg/kg/day
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**PNEC** Fresh water; >1  
Sediment (Freshwater); >= 1000 mg/kg  
Marine water; 0.127 mg / l  
Sediment (Marine water); >= 100 mg/kg  
Soil; 100 mg/kg  
STP; 100 mg / kg

## **8.2 Exposure controls**

### **Appropriate engineering measures**

Provide adequate ventilation. Avoid inhalation of vapours and spray/mist. Observe any occupational exposure limits for the product or ingredients.

### **Personal protection**

Do not smoke when using this product.

### **Eye / face protection**

Eyewear complying with an approved standard should be worn if a risk assessment indicates any eye contact is possible. The following protection should be worn: Chemical splash goggles.

### **Hand protection**

Due to the packaging form, aerosol, risk of skin contact is small. Chemical-resistant impermeous gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove must be chosen in consultation with the gloves supplier/manufacturer, who can inform about the breakthrough time of the glove material.

### **Hygiene measures**

Wash hands after handling. Wash promptly if skin becomes contaminated. Wash hands at the end of each work shift and before eating, smoking, and using the toilet. Use appropriate skin cream to prevent drying of skin.

### **Respiratory protection**

If ventilation is inadequate, suitable respiratory protection must be worn.

**Section 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

<b>Appearance</b>	Aerosol
<b>Odour</b>	Organic solvents
<b>Initial boiling point and range</b>	-40°C to -2°C @ 1013hPa
<b>Flash point</b>	< -40°C
<b>Upper / lower flammability or explosive limits</b>	Lower 1.8% - Upper 9.5%
<b>Vapour pressure</b>	ca. 590 to 1760kPa @45°C
<b>Auto ignition temperature</b>	410 - 580°C
<b>Comments</b>	Information given is applicable to the major ingredient

**9.2 Other information**

This product contains a maximum VOC content of 690 g/l.

**Section 10: Stability and reactivity****10.1 Reactivity**

Stable at normal ambient temperature and when used as recommended.

**10.2 Chemical stability**

Avoid heat, sparks, and flames.

**10.3 Possibility of hazardous reactions**

Does not decompose when used and stored as recommended.

**10.4 Conditions to avoid**

Avoid heat, flames, and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.

**10.5 Incompatible materials**

Keep away from oxidising materials, heat, and flames.

**10.6 Hazardous decomposition products**

Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours.

**Section 11: Toxicological information****11.1 Information on toxicological effects****General information**

Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

**Inhalation**

Harmful by inhalation. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness, and nausea. Unconsciousness, possibly death.

**Skin contact**

Repeated exposure may cause skin dryness or cracking.

## Eye contact

Irritating to eyes. Spray and vapour in the eyes may cause irritation and smarting. Repeated exposure may cause chronic eye irritation.

## Acute and chronic health hazards

Arrhythmia, (deviation from normal heartbeat). Irritating to eyes. Irritating to skin. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness, and nausea.

## Route of exposure

Inhalation.

## Target organs

Central nervous system. Respiratory system, lungs.

## Medical symptoms

Arrhythmia, (deviation from normal heartbeat). Narcotic effect. Vapours may cause drowsiness and dizziness. Skin irritation. Irritation of eyes and mucous membranes.

## Toxicological information on ingredients.

### ACETONE

#### Acute toxicity - oral

Acute toxicity oral (LD <sub>50</sub> )	5,800.0 mg/kg
Species	Rat

#### Acute toxicity - dermal

Acute toxicity dermal (LD <sub>50</sub> )	7,426.0 mg/kg
Species	Guinea pig

#### Acute toxicity - inhalation

Acute toxicity inhalation (LC <sub>50</sub> )	76 mg /l (dust/mist)
Species	Rat
ATE inhalation	76 mg /l (dust/mist)

#### Serious eye irritation

Serious eye damage / irritation	This product may cause skin and eye irritation. 24 hours
Species	Rabbit

#### Respiratory sensitisation

Respiratory sensitisation	Repeated exposure may cause skin dryness or cracking. Prolonged or repeated contact with skin may cause irritation, redness, and dermatitis.
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#### Skin sensitisation

Skin sensitisation	Mild skin irritation - 24 h
Species	Rabbit

## Section 12: Ecological information

### Ecotoxicity

The product components are not classified as environmentally hazardous. However, large, or frequent spills may have hazardous effects on the environment.

#### 12.1. Toxicity

Not available.

#### Toxicological information on ingredients.

##### ACETONE

#### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub> 96 hours: 5,540.0 mg/kg  
Oncorhynchus mykiss (Rainbow trout)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub> 48 hours: 13500 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub> 72 hours: >100 mg/l, Algae

#### Germ cell mutagenicity

Genotoxicity - in vivo No data available

#### Carcinogenicity

Carcinogenicity There is no evidence that the product causes cancer

#### Specific target organ toxicity - single exposure

**STOT - single exposure:** Narcotic effect. Vapours may cause drowsiness and dizziness.

#### Specific target organ toxicity – repeated exposure

**STOT – repeated exposure:** No data available

#### Aspiration hazard

Aspiration hazard Data lacking

### 12.2. Persistence and degradability

Not available.

#### Toxicological information on ingredients.

##### ACETONE

**Persistence and degradability** No data available.



### 12.3. Bioaccumulative potential

**Bioaccumulative potential** - Not available.

### Ecological information on ingredients.

#### ACETONE

**Bioaccumulative potential** No data available.

**Partition coefficient** Log Pow: - 0.24

### 12.4. Mobility in soil

**Mobility** - Not known.

### Ecological information on ingredients.

#### ACETONE

**Mobility** No data available.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** - Not available.

### 12.6. Other adverse effects

**Other adverse effects** - Not available.

### Ecological information on ingredients.

#### ACETONE

**Other adverse effects** No data available.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

#### **General information**

Do not puncture or incinerate even when empty.

#### **Disposal methods**

Dispose of waste to licensed waste disposal sites in accordance with the requirements of the local Waste Disposal Authority. Containers should be thoroughly emptied before disposal because of the risk of explosion. Empty containers must not be punctured or incinerated because of the risk of explosion.

**Section 14: Transport Information**

**General** This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG. These provisions allow transport of aerosols of less than 1 litre packed in cartons of less than 30kg gross weight to be exempt from control providing that they are labelled in accordance with the requirements of these regulations to show that they are being transported as Limited Quantities. Aerosols not so packed and labelled must show the following:

**14.1 UN Number**

**UN No. (ADR/RID)** 1950

**UN No. (IMDG)** 1950

**UN No. (ICAO)** 1950

**UN No. (ADN)** 1950

**14.2 UN proper shipping name**

**Proper shipping name (ADR/RID)** AEROSOLS

**Proper shipping name (IMDG)** AEROSOLS

**Proper shipping name (ICAO)** AEROSOLS

**Proper shipping name (ADN)** AEROSOLS

**14.3 Transport hazard class(es)**

**ADR/RID class** 2.1

**ADR/RID classification code** 5F

**ADR/ADR label** 2.1

**IMDG class** 2.1

**ICAO class / division** 2.1

**Transport labels****14.4 Packaging group**

**ADR/RID packing group** None

**IMDG packing group** None

**ADN packing group** None

**ICAO packing group** None

**14.5 Environmental hazards**

Environmentally hazardous substance / marine pollutant - No

## 14.6 Special precautions for user

EmS	F-D, S-U
ADR transport category	2
Tunnel restriction code	(D)

## 14.7 Transport in bul according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

## Section 15: Regulatory information

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

#### National regulations

EH40/2005 Workplace exposure limits.

The Aerosol Dispensers Regulations 2009 (SI 2009) No.2824).

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No.1348) (as amended) ("CDG 2009")

The Control of Substances Hazardous to Health Regulations 2002. (SI 2002 No. 2677) (as amended).

#### EU legislation

Commission Regulation (EU) No. 2015/830 of 28 May 2015.

#### Guidance

Workplace Exposure Limits EH40.

Safety Data Sheets for Substances and Preparations.

Approved Classification and Labelling Guide (Sixth edition) L131.

British Aerosol Manufacturers Code of Practice 7<sup>th</sup> Edition 1999

### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## Section 16: Other Information

<b>Revision comments</b>	Supplemental information added. Revised classification. Revised formulation
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<b>Revision date</b>	9 April 2020
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<b>Revision</b>	4
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<b>SDS No.</b>	11738
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<b>Safety Data Sheet Status</b>	Approved
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## Hazard statements in full

- H220 Extremely flammable gas.
- H222 Extremely flammable aerosol.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H229 Pressurised container; may burst if heated.
- H280 Contains gas under pressure; may explode if heated.
- H304 May be fatal if swallowed and enter airways
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.