



# MATERIAL SAFETY DATA SHEET

Manufacturers of Industrial & Decorative Coatings

<b>Manufacturers Name:</b>	United Paints
<b>Address:</b>	29 Empire Rd, Belfast, Christchurch
<b>Telephone:</b>	(03) 323 8743
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<b>Date of Issue:</b>	5 <sup>th</sup> December 2000
<b>Emergency Contact Numbers</b>	
National Poison & Hazardous Chemicals Information Centre	(03) 474 0999
United Paints Limited – Director (Mr M.Davies)	(03) 359 3528 or 021 617 979

## GENERAL INFORMATION

**Trade Name:** M.E.K.                      **Chemical Name:** Methyl Ethyl Ketone

### Chemical Formula Composition

**Description:** Ketone solvent for the reduction of paint for spray application.

### Hazardous Substances

Ingredient	% By Weight	TLV (TWA)
Ketones	100%	590 mg/m <sup>3</sup> 200ppm

### Classification: Harmful, Flammable Liquid

IMCO No.	UN No.	HAZCHEM	DG
3.2	1193	2 Y E	3a

### Chemical

Flashpoint	Density	% Volatile	Vap. Den.
-7 <sup>o</sup> C	0.82sg	100%	2.40

Boiling Range	Solubility	Evaporation	(NBA1)
79 - 80 <sup>o</sup> C	Appreciable	5.2	

**Stability:** Stable

**Hazardous Polymerisation:** Will Not Occur

### FIRE & EXPLOSION HAZARD

**Flashpoint** -7<sup>o</sup>C

**Flammability Limit** 1.8 (lower)

Christchurch  
(03) 323 8743

Auckland  
(09) 265 0032

Palmerston North  
021 682 151

## **EXTINGUISHING MEDIA**

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Foam         | <input checked="" type="checkbox"/> Carbon Dioxide |
| <input checked="" type="checkbox"/> Dry Chemical | <input type="checkbox"/> Alcohol Foam              |
| <input type="checkbox"/> Water Spray             | <input type="checkbox"/> Other (Spec.).....        |

## **HAZARDOUS COMPOSITION PRODUCTS**

May form toxic materials such as Carbon Monoxide and Carbon Dioxide.

## **SPECIAL FIREFIGHTING PROCEDURES**

Water or Foam may cause frothing that can be violent, especially if sprayed into containers of hot burning liquid. Self contained breathing apparatus with full face piece should be used.

## **UNUSUAL FIRE AND EXPLOSION HAZARDS**

Vapours are heavier than air and may travel along ground and move by ventilation and ignite at a point far from the source.

## **HANDLING AND STORAGE**

### **Ventilation**

Adequate to maintain below TLV (Hazardous Substances).

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Splash Glasses  | <input checked="" type="checkbox"/> Splash Goggles |
| <input type="checkbox"/> Face Shield                | <input checked="" type="checkbox"/> Gloves         |
| <input checked="" type="checkbox"/> Synthetic Apron | <input type="checkbox"/> Vapour Respirator         |
| <input type="checkbox"/> Dust Respirator            | <input checked="" type="checkbox"/> Boots          |

### **Toxicological Data**

Vapours are eye irritant and respiratory tract irritant. Frequent or continuous skin contact could lead to dermatitis.

## **FIRST AID PROCEDURES**

**Inhalation** Bring patient to fresh open air. If breathing difficult give oxygen.

**Skin Contact** Wash with soap and water. Remove and launder contaminated clothing before reuse.

**Eye Contact** Flush with water lifting lids occasionally. Seek medical attention

**Ingestion** Do not induce vomiting. Keep patient warm and quiet. Seek medical attention immediately

## **SPILLS AND LEAKS**

Eliminate all sources of Ignition. Stop leak at source. Dyke area of spillage. Absorb with sand or other absorbent inert material. Destroy by controlled incineration or use an authorised disposal area.

The above information concerns only the above mentioned product and is not valid with any other product(s). The information is provided to the best of our knowledge, correctly and completely, in good faith but without warranty. It remains the users responsibility to ensure the information is appropriate for their application of the product