



## SAFETY DATA SHEET

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### 2K HS LOW VOC SLOW (HIGH TEMP) THINNERS

Revision 0  
Revision date 13-Oct-2006

#### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

**Product name** 2K HS LOW VOC SLOW (HIGH TEMP) THINNERS

**Company** Pro-Spray Automotive Finishes Ltd  
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**Product code** ICR-1694

#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

##### Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)	1-10%	108-65-6	203-603-9	R10 Xi; R36
Di-isobutyl ketone (2,6-Dimethylheptan-4-one)	20-30%	108-83-8	203-620-1	R10 Xi; R37
Isoamyl methyl ketone (5-Methylhexan-2-one)	20-30%	110-12-3	203-737-8	R10 Xn; R20
Isobutyl methyl ketone (4-Methylpentan-2-one)	30-40%	108-10-1	203-550-1	F; R11 Xn; R20 Xi; R36/37 R66

#### 3. HAZARDS IDENTIFICATION

**Main hazards** Flammable Harmful by inhalation. Irritating to eyes and respiratory system. Repeated exposure may cause skin dryness or cracking.

#### 4. FIRST AID MEASURES

**Skin contact** May cause irritation to skin. May cause dermatitis. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

**Eye contact** May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

**Inhalation** Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache. Move the exposed person to fresh air. Seek medical attention.

**Ingestion** Harmful if swallowed. Ingestion may cause nausea and vomiting. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

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## 5. FIRE FIGHTING MEASURES

<b>Extinguishing media</b>	Use as appropriate: carbon dioxide (CO2). Do NOT use water jet. Cool fire exposed containers with waterspray, dry chemical, foam.
<b>Fire hazards</b>	Burning produces irritating, toxic and obnoxious fumes. Fire will produce dense black smoke.
<b>Protective equipment</b>	Self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Ensure adequate ventilation of the working area. Eliminate all sources of ignition. Wear suitable protective equipment.
<b>Environmental precautions</b>	Do not allow product to enter drains. Prevent further spillage if safe.
<b>Clean up methods</b>	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. Do not allow runoff water to enter sewers or drains. Advise local authorities if large spills cannot be contained.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. In use, may form flammable/explosive vapour-air mixture. Vapours are heavier than air. Keep away from sources of ignition - No smoking. Adopt best Manual Handling considerations when handling, carrying and dispensing.
<b>Storage</b>	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure limits

2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)	WEL 8-hr limit ppm: 50 WEL 15 min limit ppm: 100	WEL 8-hr limit mg/m3: 274 WEL 15 min limit mg/m3: 548
Di-isobutyl ketone (2,6-Dimethylheptan-4-one)	WEL 8-hr limit ppm: 25 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 148 WEL 15 min limit mg/m3: -
Isoamyl methyl ketone (5-Methylhexan-2-one)	WEL 8-hr limit ppm: 20 WEL 15 min limit ppm: 100	WEL 8-hr limit mg/m3: 95 WEL 15 min limit mg/m3: 475
Isobutyl methyl ketone (4-Methylpentan-2-one)	WEL 8-hr limit ppm: 50 WEL 15 min limit ppm: 100	WEL 8-hr limit mg/m3: 208 WEL 15 min limit mg/m3: 416

<b>Engineering measures</b>	Ensure adequate ventilation of the working area.
<b>Respiratory protection</b>	Self-contained breathing apparatus. Wear protective clothing.
<b>Hand protection</b>	Chemical resistant gloves (PVC)
<b>Eye protection</b>	Approved safety goggles.
<b>Protective equipment</b>	Wear chemical protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Description</b>	Liquid.
<b>Flash point</b>	25°C
<b>Water solubility</b>	immiscible in water.

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## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Heat, sparks and open flames.
<b>Materials to avoid</b>	Oxidising agents. Acids. Alkaline solution.
<b>Hazardous decomposition products</b>	Carbon oxides. Nitrogen oxides.

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	No data is available on this product. Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Inhalation is irritating to the respiratory tract and may cause damage to the central nervous system.
<b>Corrosivity</b>	May cause irritation to eyes and respiratory system.
<b>Repeated or prolonged exposure</b>	May cause dermatitis.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	No data is available on this product.
<b>Further information</b>	Do not allow product to enter drains.

## 13. DISPOSAL CONSIDERATIONS

<b>General information</b>	Dispose of in compliance with all local and national regulations.
<b>Disposal of packaging</b>	Containers must be recycled in compliance with national legislation and environmental regulations.

## 14. TRANSPORT INFORMATION

### ADR/RID

<b>UN</b> 1263	<b>Packing group</b> III
<b>Class</b> 3	<b>Hazard ID</b> 33
<b>Proper Shipping Name</b> PAINT RELATED MATERIAL .	

### IMDG

<b>UN</b> 1263	<b>Packing group</b> III
<b>Class</b> 3	<b>Marine pollutant</b> .
<b>EmS Code</b> F-E S-E	

### IATA


<b>UN</b> 1263	<b>Packing group</b> III
<b>Class</b> 3	<b>Subsidiary risk</b> -
<b>Packing Instruction (Cargo)</b> 310	<b>Maximum quantity</b> 220 L
<b>Packing Instruction (Passenger)</b> 309	<b>Maximum quantity</b> 60 L

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## 15. REGULATORY INFORMATION

<b>Labelling</b>	The product is classified in accordance with 67/548/EEC.
<b>Symbols</b>	Xn - Harmful 
<b>Risk phrases</b>	R10 - Flammable. R20 - Harmful by inhalation. R36/37 - Irritating to eyes and respiratory system. R66 - Repeated exposure may cause skin dryness or cracking.

## 16. OTHER INFORMATION

<b>Text of risk phrases in Section 2</b>	R10 - Flammable. R11 - Highly flammable. R20 - Harmful by inhalation. R36 - Irritating to eyes. R36/37 - Irritating to eyes and respiratory system. R37 - Irritating to respiratory system. R66 - Repeated exposure may cause skin dryness or cracking.
<b>Further information</b>	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.