



SAFETY DATA SHEET

Page 1 of 4

2K HS LOW VOC MEDIUM (LOW TEMP) THINNERS

Revision 0
Revision date 13-Oct-2006

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name 2K HS LOW VOC MEDIUM (LOW TEMP) THINNERS

Company Pro-Spray Automotive Finishes Ltd
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Product code ICR-1693

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Xylene (Xylene, o-,m-,p-or mixed isomers)	1-10%	1330-20-7	215-535-7	R10 Xn; R20/21 Xi; R38
1,3,5-Trimethylbenzene	0.5-1%	108-67-8	203-604-4	R10 Xi; R37 N; R51/53
Cumene	0-0.5%	98-82-8	202-704-5	R10 Xn; R65 Xi; R37 N; R51/53
1,2,4-Trimethylbenzene	1-10%	95-63-6	202-436-9	R10 Xn; R20 Xi; R36/37/38 N; R51/53
Low boiling point naphtha - unspecified - solvent naphtha (petroleum), light arom	1-10%	64742-95-6	265-199-0	Xi; R37-66 N; R51/53 R10-67
Di-isobutyl ketone (2,6-Dimethylheptan-4-one)	10-20%	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. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Repeated exposure may cause skin dryness or cracking.

2K HS LOW VOC MEDIUM (LOW TEMP) THINNERS

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Revision date 13-Oct-2006

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.

5. FIRE FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation of the working area. Eliminate all sources of ignition. Wear suitable protective equipment.
Environmental precautions	Do not allow product to enter drains. Prevent further spillage if safe.
Clean up methods	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

Handling	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.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

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Revision date 13-Oct-2006

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Xylene (Xylene, o-,m-,p-or mixed isomers)	WEL 8-hr limit ppm: 50 WEL 15 min limit ppm: 100	WEL 8-hr limit mg/m3: 220 WEL 15 min limit mg/m3: 441
Cumene	WEL 8-hr limit ppm: 25 WEL 15 min limit ppm: 50	WEL 8-hr limit mg/m3: 125 WEL 15 min limit mg/m3: 250
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

Engineering measures Ensure adequate ventilation of the working area.

Respiratory protection Self-contained breathing apparatus. Wear protective clothing.

Hand protection Chemical resistant gloves (PVC)

Eye protection Approved safety goggles.

Protective equipment Wear chemical protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Flash point	24°C
Water solubility	immiscible in water.

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Acute toxicity	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.
Corrosivity	May cause irritation to eyes and respiratory system.
Repeated or prolonged exposure	May cause dermatitis.

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

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

2K HS LOW VOC MEDIUM (LOW TEMP) THINNERSRevision 0
Revision date 13-Oct-2006**14. TRANSPORT INFORMATION****ADR/RID**

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

IMDG

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

IATA

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

15. REGULATORY INFORMATION

Labelling The product is classified in accordance with 67/548/EEC.

Symbols Xn - Harmful



Risk phrases

- R10 - Flammable.
- R20 - Harmful by inhalation.
- R36/37 - Irritating to eyes and respiratory system.
- R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R66 - Repeated exposure may cause skin dryness or cracking.

16. OTHER INFORMATION

Text of risk phrases in Section 2

- R10 - Flammable.
- R11 - Highly flammable.
- R20 - Harmful by inhalation.
- R20/21 - Harmful by inhalation and in contact with skin.
- R36/37 - Irritating to eyes and respiratory system.
- R36/37/38 - Irritating to eyes, respiratory system and skin.
- R37 - Irritating to respiratory system.
- R38 - Irritating to skin.
- R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 - Harmful: may cause lung damage if swallowed.
- R66 - Repeated exposure may cause skin dryness or cracking.
- R67 - Vapours may cause drowsiness and dizziness.

Further information 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.