

Smart Wise (UK.) Ltd.

UNIT 5 ASHWYN BUSINESS CENTRE, MARCHANTS WAY
SHEDDINGDEAN INDUSTRIAL ESTATE, BURGESS HILL
WEST SUSSEX, RH15 8QY, Tel: 01444 257342

MATERIAL HAZARD DATA SHEET

1) Identification and Company

Product: Supertex Coarse
Supplier: Smart Wise (UK.) Ltd., U5 Ashwyn Business Centre
Marchants Way, Sheddingdean Ind. Estate, Burgess Hill
West Sussex, RH15 8QY Tel: 01444 257342

2) Hazardous Composition

<u>Material:</u>	<u>%</u>	<u>Health Class</u>	<u>Risk phrase</u>
Methyl isobutyl ketone	60-100	None	None
Butanone	10-30	Irritant	36/37

3) Hazards Identification

Highly Flammable

Eye contact: May be slightly irritating to eyes.

Skin contact: Prolonged or repeated contact may cause dryness and irritation.

Inhalation: High levels of vapour/mist may cause dizziness, nausea and headaches

Ingestion: May cause slight irritation.

4) First Aid Measures

Eye Contact: Contact lenses should be removed. Irrigate eye with plenty of water for at least 10 minutes lifting upper and lower lids occasionally then seek medical advice.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or proprietary skin cleaner. If in doubt seek medical advice.

Inhalation: Remove individual to fresh air. Keep warm and at rest. If symptoms persist, seek medical attention.

Ingestion: If accidentally swallowed, obtain immediate medical attention. Do NOT induce vomiting.

5) Fire Fighting Measures

- Extinguishing Media: Alcohol resistant foam; carbon dioxide; powder; water; spray/mist. Do not use water jet.
- Precautionary procedure: Spray fire exposed containers with water to lessen the risk of explosion.
- Other hazards: Combustion will produce dense black smoke containing products which may be hazardous. Self contained breathing apparatus may be required. Run off from fire must not enter drains.

6) Accidental Release Measures

- Spillage / Leakage: Remove all sources of ignition and ventilate the area. Exclude non essential personnel. Avoid breathing vapours. Refer to sections 7 & 8. Contain and collect spillage with non combustible absorbent material, e.g. sand, earth, vermiculite and place in a container for disposal in accordance with waste regulations (see section 13.) Prevent material from entering drains or water courses. Clean up preferably with a detergent. Avoid the use of solvents. In the event of product entering drains or sewers, inform the local water authority, or in the case of streams, rivers or lakes, the National Rivers Authority.

7) Handling and Storage

- Handling Procedures: Vapours are heavier than air and may spread along floors and may form explosive mixtures with air. Vapour concentrations higher than occupational exposure limits must be avoided. Remove all sources of ignition from the work area. Avoid skin and eye contact. Avoid inhalation of vapour and spray mist. Do not eat, drink or smoke in areas of use or storage.
- Storage Requirements: Store in cool, dry place with ventilation. Keep below 50 degrees C and out of direct sunlight. Observe label precautions. Store separately from strong oxidising agents and strong alkali and acid materials . Opened containers should be properly resealed and kept upright.

8) Personal Protection

Exposure Standards

		<u>8hr TWA</u>	<u>5min STEL</u>	
Methyl isobutyl ketone	OES	50 ppm	100 ppm	(sk)
Butanone	OES	200 ppm	300 ppm	(sk)

Engineering controls: Ensure adequate ventilation to ensure concentrations are maintained well below the lower explosive limit and individual explosive standards.

Personal Protective Equipment: Air-fed respirators should be worn when product is sprayed or if vapour concentrations are higher than OES's. Chemical resistant gloves should be used to protect hands. Goggles or visor should be worn if splashing is likely to occur. Overalls should be worn during use and removed and washed when contaminated.

9) Physical and Chemical Properties

Form:	Liquid
Colour:	Colourless
Odour:	Ketonic
Relative Density:	0.8-0.9
Solubility in water:	Insoluble
Boiling point:	120 –130 degrees C
Flash Point:	<21 degrees C
Auto Ignition Temperature:.	>150 degrees C
Lower explosive limit:	1.9 (% vol. In air @ 25 degrees C)
Upper explosive limit:	13.1

10) Stability and Reactivity

Stability: Stable

Hazardous products of Decomposition: Smoke, carbon dioxide, carbon monoxide, oxides of nitrogen.

Incompatibility: Oxidising agents, strong alkalines, strong acids. Avoid all heat and ignition sources.

11) Toxicological Information

There is no data available of the product itself. The product should not be allowed to enter drains or water courses or be deposited where it may effect ground or surface water.
There is no evidence of bioaccumulation. It is unlikely to be toxic to aquatic organisms.

12) Ecological Information

The product should not be allowed to enter drains or water courses or be deposited where it may effect ground or surface water. Wastes, including emptied containers, are controlled waste and should be disposed of in accordance with regulations made under the Control of Pollution.

13) Disposal Considerations

The product should not be allowed to enter drains or water courses or be deposited where it may effect ground or surface water. Wastes, including emptied containers, are controlled waste and should be disposed of in accordance with regulations made under the Control of Pollution Act.

14) Transport Information

<u>Road</u>		<u>Air</u>		<u>Sea</u>	
UN No:	1263	UN No:	1993	UN No:	1993
Class:	3	Class:	3	Class:	3.3
		Pack Group:	III	Pack Group:	III

15) Regulatory Information

Product classification:	F – Highly Flammable
Risk phrases:	R11 – Highly Flammable
Safety phrases:	9 – keep container in a well ventilated place 16 – Keep away from sources of ignition – no smoking 24 – Avoid contact with skin 37 – Wear suitable gloves 51 – Use only in well ventilated areas

Regulatory references:- The chemicals (Hazard Information and Packaging) Regulations 1994 and subsequent amendments

16) Other Information

Intended for use only as described in product information sheet and other authorised printed literature such as instruction leaflets, packaging, etc.

This data sheet gives information only on the hazards of the product. Refer to COSHH regulations for information on risk assessment.

Compiled February 1998 using manufacturers data.