

# S13

**SDI International Pty Ltd**  
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## **MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME:** **Solvent black**

**Other names:**

**Use:** Application of a mat black finish to tyres and car under body areas

### **HAZARD INFORMATION**

**Product considered Non Hazardous According to Criteria of Worksafe Australia**

**UN Number:** **1170**

**Hazchem Code:** **2(S)E**

**Poisons schedule:**

**Risk phrases:** R11 Highly flammable.

**Safety phrases:** S16 Keep away from sources of ignition.

### **PRODUCT COMPOSITION**

Chemical entity	other names	Cas number	Proportion
Ethanol	Ethyl alcohol	64-17-5	>60%
Other ingredients determined to be not Hazardous			30-60%

### **FIRST AID**

**Swallowed:** Give plenty of water to drink, induce vomiting in conscious person by giving syrup of Ipecac. Seek medical advice if necessary.

**Eyes:** Irrigate with water for 15 minutes. Seek medical attention promptly.

**Skin:** Wash with water. Remove contaminated clothing

**Inhaled:** Remove to fresh air, rest patient and seek medical attention if necessary. Give artificial respiration if breathing stops

**Advice to doctor:** Treat symptomatically. Gastric lavage may be induced if ingested. Do not wait for symptoms to develop. General measures should be taken to control acidosis and maintain urine output.

## **FIRE FIGHTING MEASURES**

Burns with a colourless flame. The vapour is heavier than air and may travel along the ground; distant ignition and flash back is possible. Run off to sewers and drains may cause explosions. Burning can produce carbon dioxide and/or carbon monoxide.

## **ACCIDENTAL RELEASE MEASURES**

**Emergency procedures:** Clean up personnel should wear full protective clothing including respiratory protection if in risk of inhalation of vapours. Eliminate all sources of ignition - no smoking. Take precautionary measures against static discharges.

**Containment and cleanup:** Stop and contain the spill for salvage or absorb in inert absorbent material for disposal by an approved method. Wash the cleaned up area with volumes of water to remove any trace of the product; ethanol mixes completely with water. Ventilate area well.

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## **HANDLING AND STORAGE**

Store in tightly closed containers in cool, dry, isolated, well ventilated areas away from heat, sources of ignition and incompatibilities. Do not eat, drink or smoke in areas of use and storage. Observe State Regulations concerning the storage and handling of Dangerous Goods. Store with all precautions required for handling flammable liquids. The requirements of AS1940 The Storage and Handling of Flammable and Combustible Liquids should be observed.

## **EXPOSURE CONTROLS/PERSONAL PROTECTION**

### EXPOSURE STANDARDS

Worksafe recommends TWA = 1000ppm (1880 mg/m<sup>3</sup>) For ethanol

Engineering controls: Local exhaust and/or mechanical (general) exhaust is recommended, provided these are fitted with flame and explosion proof electrical fittings.

Personal protective equipment: Gloves and protective eyewear recommended.

## **PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Black liquid
Odour:	characteristic alcoholic odour
Vapour pressure:	Not established
Vapour density:	Not established
Boiling range:	Not established
Freezing/Melting range:	Not established
Solubility:	
Density:	~0.98
Flash point:	Not established
Lower explosive limit:	3.5 (ethanol)
Upper explosive limit:	19 (ethanol)
Ignition temperature:	Not established

## **SOLUABILITY AND REACTIVITY**

Not miscible with water, reacts with strong oxidising agents.

## **TOXICOLOGICAL INFORMATION**

Oral LDLo (Ethanol) = 1400 mg/kg (Human)

## **ECOLOGICAL INFORMATION**

None available

## **DISPOSAL CONSIDERATIONS**

Dispose of in accordance with all Local, State and Federal regulations at an approved waste disposal facility.

## **TRANSPORT INFORMATION**

UN Number:	1170
Proper shipping name:	Ethanol solution
Material class:	3
Subsidiary risk:	None allocated
Packing group:	II
Hazchem code:	2(S)E
Precautions:	

## **REGULATORY INFORMATION**

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## **OTHER INFORMATION**

### **Contact point**

Robert white 0408 842 986

**Disclaimer:** This information relates to the specific material designated and may not be valid for such material used in combination with other chemicals or in any process. Such information is to the best of Avis Laboratories Australia's knowledge and believed accurate.