

# SAFETY DATA SHEET

## ACRYLIC SATIN BLACK AEROSOL

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name Acrylic Satin Black  
Product No. 481851

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Paint.

#### 1.3. Details of the supplier of the safety data sheet

Supplier INDASA Abrasives (UK) Ltd  
Viking Works  
Greenstead Road  
Colchester  
Essex CO1 2ST  
+44 1206 870366  
office@indasa.co.uk

#### 1.4. Emergency telephone number

(+44) 1206 870366 (Hours 09:00 - 17:00 Mon to Fri)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical and Chemical Hazards	Flam. Aerosol 1 - H222
Human health	EUH066; Eye Irrit. 2 - H319; STOT SE 3 - H336
Environment	Aquatic Chronic 3 - H412

##### Classification (1999/45/EEC)

Xi; R36. F+; R12. R52/53, R66, R67.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

##### Human health

In high concentrations, vapours and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea.

##### Environment

The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

##### Physical and Chemical Hazards

Pressurised container: Must not be exposed to temperatures above 50°C. The product is extremely flammable, and explosive vapour/air mixtures may be formed even at normal room temperatures.

#### 2.2. Label elements

Label In Accordance With (EC) No. 1272/2008



Signal Word

Danger

# Indasa Abrasives (UK) Limited - Acrylic Satin Black 500ml Aerosol - 481851

## Hazard Statements

H222	Extremely flammable aerosol.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

## Precautionary Statements

P102	Keep out of reach of children.
P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P261	Avoid breathing vapour/spray.
P262	Do not get in eyes, on skin, or on clothing.
P271	Use only outdoors or in a well-ventilated area.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313	Get medical advice/attention.

## Supplemental label information

EUH066	Repeated exposure may cause skin dryness or cracking.
A1	Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
A2	Do not spray on a naked flame or any incandescent material.

## 2.3. Other hazards

This product does not contain any PBT or vPvB substances.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

<b>1-METHOXY-2-PROPANOL</b>	<b>1-5%</b>
<b>CAS-No.: 107-98-2</b>	<b>EC No.: 203-539-1</b>
	<b>Registration Number: 01-2119457435-XX</b>
Classification (EC 1272/2008) Flam. Liq. 3 - H226 STOT SE 3 - H336	Classification (67/548/EEC) R10 R67
<b>2-METHOXY-1-METHYLETHYL ACETATE</b>	<b>5-10%</b>
<b>CAS-No.: 108-65-6</b>	<b>EC No.: 203-603-9</b>
	<b>Registration Number: 01-2119475791-XX</b>
Classification (EC 1272/2008) Flam. Liq. 3 - H226	Classification (67/548/EEC) R10
<b>ACETONE</b>	<b>10-30%</b>
<b>CAS-No.: 67-64-1</b>	<b>EC No.: 200-662-2</b>
	<b>Registration Number: 01-2119471330-XX</b>
Classification (EC 1272/2008) Flam. Liq. 2 - H225 EUH066 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC) F;R11 Xi;R36 R66 R67

<b>BUTANONE</b>		<b>5-10%</b>
<b>CAS-No.: 78-93-3</b>	<b>EC No.: 201-159-0</b>	<b>Registration Number: 01-2119457290-XX</b>
Classification (EC 1272/2008) Flam. Liq. 2 - H225 EUH066 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC) F;R11 Xi;R36 R66 R67	
<b>BUTYL ACETATE -norm</b>		<b>5-10%</b>
<b>CAS-No.: 123-86-4</b>	<b>EC No.: 204-658-1</b>	<b>Registration Number: 01-2119485493-XX</b>
Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H336	Classification (67/548/EEC) R10 R66 R67	
<b>HYDROCARBONS, C6, ISOALKANES &lt;5% N-HEXANE</b>		<b>1-5%</b>
<b>CAS-No.: 64742-49-0</b>	<b>EC No.: 931-254-9</b>	<b>Registration Number: 01-2119484651-XX</b>
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xn;R65. Xi;R38. F;R11. N;R51/53. R67.	
<b>HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, &lt;5% N-HEXANE</b>		<b>5-10%</b>
<b>CAS-No.: 64742-49-0</b>	<b>EC No.: 921-024-6</b>	<b>Registration Number: 01-2119475514-XX</b>
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xn;R65. Xi;R38. F;R11. N;R51/53. R67.	
<b>PETROLEUM GASES, LIQUEFIELD</b>		<b>30-60%</b>
<b>CAS-No.: 68476-85-7</b>	<b>EC No.: 270-704-2</b>	
Classification (EC 1272/2008) Flam. Gas 1 - H220 Press. Gas, Compressed - H280	Classification (67/548/EEC) F+;R12.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General information

Move the exposed person to fresh air at once.

**Inhalation**

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

**Ingestion**

Immediately rinse mouth and provide fresh air. Do not induce vomiting. Get medical attention.

**Skin contact**

Wash skin with soap and water. Get medical attention if any discomfort continues.

**Eye contact**

Immediately rinse with water. Continue to rinse for at least 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention promptly if symptoms occur after washing.

**4.2. Most important symptoms and effects, both acute and delayed****General information**

No data available

**4.3. Indication of any immediate medical attention and special treatment needed**

No data available

**SECTION 5: FIREFIGHTING MEASURES****5.1. Extinguishing media****Extinguishing media**

Water spray, foam, dry powder or carbon dioxide.

**5.2. Special hazards arising from the substance or mixture****Unusual Fire & Explosion Hazards**

Extremely flammable. Forms explosive mixtures with air. May explode in a fire. Vapours are heavier than air and may spread near ground to sources of ignition.

**Specific hazards**

Pressurised container: Must not be exposed to temperatures above 50°C.

**5.3. Advice for firefighters****Special Fire Fighting Procedures**

Use water spray to reduce vapours. Aerosol cans may explode in a fire. Cool aerosol containers exposed to heat with water spray and remove container, if no risk is involved.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

**6.2. Environmental precautions**

Avoid discharge into drains.

**6.3. Methods and material for containment and cleaning up**

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Provide ventilation and confine spill. Do not allow runoff to sewer.

**6.4. Reference to other sections**

See sections: 7, 8, 11, 12 and 13

**SECTION 7: HANDLING AND STORAGE****7.1. Precautions for safe handling**

Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Avoid inhalation of vapours and spray mists. Do not spray on a naked flame or any incandescent material. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

**7.2. Conditions for safe storage, including any incompatibilities**

Extremely flammable. Store at moderate temperatures in dry, well ventilated area. Keep away from heat, sparks and open flame. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

**7.3. Specific end use(s)**

No data available

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

## 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
1-METHOXY-2-PROPANOL	WEL	100 ppm	375 mg/m <sup>3</sup>	150 ppm	560 mg/m <sup>3</sup>	Sk
2-METHOXY-1-METHYLETHYL ACETATE	WEL	50 ppm	274 mg/m <sup>3</sup>	100 ppm	548 mg/m <sup>3</sup>	Sk
ACETONE	WEL	500 ppm	1210 mg/m <sup>3</sup>	1500 ppm	3620 mg/m <sup>3</sup>	
BUTANONE	WEL	200 ppm	600 mg/m <sup>3</sup>	300 ppm	899 mg/m <sup>3</sup>	Sk
BUTYL ACETATE -norm	WEL	150 ppm	724 mg/m <sup>3</sup>	200 ppm	966 mg/m <sup>3</sup>	
PETROLEUM GASES, LIQUEFIELD	WEL	1000 ppm	1750 mg/m <sup>3</sup>	1250 ppm	2180 mg/m <sup>3</sup>	

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

## 8.2. Exposure controls

### Respiratory equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. In case of inadequate ventilation use suitable respirator.

### Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

### Eye protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

### Hygiene measures

When using do not eat, drink or smoke. Wash promptly if skin becomes wet or contaminated.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	Black.
Odour	of solvents
Solubility	Insoluble in water
Initial boiling point and boiling range	-41 (-41 TO 146)
Melting point (°C)	Not available
Relative density	0.702
Vapour density (air=1)	Not available
Vapour pressure	Not available
Evaporation rate	Not available
pH-Value, Conc. Solution	Not available
Viscosity	Not available
Decomposition temperature (°C)	Not available
Odour Threshold, Lower	Not available
Odour Threshold, Upper	Not available
Flash point	-40
Auto Ignition Temperature (°C)	290
Flammability Limit - Lower(%)	1
Flammability Limit - Upper(%)	13.1
Partition Coefficient (N-Octanol/Water)	Not available
Oxidising properties	Not available

### 9.2. Other information

Not known.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available

### **10.2. Chemical stability**

Highly volatile.

### **10.3. Possibility of hazardous reactions**

Not available.

### **10.4. Conditions to avoid**

Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

### **10.5. Incompatible materials**

#### **Materials To Avoid**

No data available

### **10.6. Hazardous decomposition products**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on toxicological effects**

#### **Skin contact**

Repeated exposure may cause skin dryness or cracking.

#### **Eye contact**

Irritating to eyes.

#### **Health Warnings**

In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Arrhythmia, (deviation from normal heart beat).

#### **Route of entry**

Inhalation. Skin absorption.

#### **Target Organs**

Central nervous system Respiratory system, lungs

#### **Medical Symptoms**

Narcotic effect. Vapours may cause drowsiness and dizziness.

#### **Toxicological information on ingredients.**

#### **1-METHOXY-2-PROPANOL (CAS: 107-98-2)**

##### **Acute toxicity:**

##### **Acute Toxicity (Oral LD50)**

5660 mg/kg Rat

##### **Acute Toxicity (Dermal LD50)**

13000 mg/kg Rabbit

##### **Acute Toxicity (Inhalation LC50)**

54.6 mg/l (vapours) Rat 4 hours

#### **ACETONE (CAS: 67-64-1)**

##### **Acute toxicity:**

##### **Acute Toxicity (Oral LD50)**

5800 mg/kg Rat

##### **Acute Toxicity (Dermal LD50)**

7800 mg/kg Rabbit

##### **Acute Toxicity (Inhalation LC50)**

> 20 mg/l (vapours) Rat

**Acute toxicity:**

**Acute Toxicity (Oral LD50)**

> 2193 mg/kg Rat

**Acute Toxicity (Dermal LD50)**

> 5000 mg/kg Rabbit

**BUTYL ACETATE -norm (CAS: 123-86-4)**

**Acute toxicity:**

**Acute Toxicity (Oral LD50)**

10760 mg/kg Rat

**Acute Toxicity (Dermal LD50)**

> 14112 mg/kg Rabbit

**Acute Toxicity (Inhalation LC50)**

23.4 mg/l (vapours) Rat 4 hours

**2-METHOXY-1-METHYLETHYL ACETATE (CAS: 108-65-6)**

**Acute toxicity:**

**Acute Toxicity (Oral LD50)**

> 5000 mg/kg Rat

**Acute Toxicity (Dermal LD50)**

> 5000 mg/kg Rabbit

**HYDROCARBONS, C6, ISOALKANES <5% N-HEXANE (CAS: 64742-49-0)**

**Acute toxicity:**

**Acute Toxicity (Oral LD50)**

> 5000 mg/kg Rat

**Acute Toxicity (Dermal LD50)**

> 2000 mg/kg Rat

**Acute Toxicity (Inhalation LC50)**

> 20 mg/l (vapours) Rat 4 hours

**HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE (CAS: 64742-49-0)**

**Acute toxicity:**

**Acute Toxicity (Oral LD50)**

> 5000 mg/kg Rat

**Acute Toxicity (Dermal LD50)**

> 2000 mg/kg Rabbit

**Acute Toxicity (Inhalation LC50)**

> 20 mg/l (vapours) Rat 4 hours

**PETROLEUM GASES, LIQUEFIELD (CAS: 68476-85-7)**

**Acute toxicity:**

**Acute Toxicity (Inhalation LC50)**

> 20 mg/l (vapours) Rat 4 hours

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

The product contains a substance which is harmful to aquatic organisms. Do not allow to enter drains, sewers or watercourses.

## **12.1. Toxicity**

### **Ecological information on ingredients.**

#### **1-METHOXY-2-PROPANOL (CAS: 107-98-2)**

##### **Acute Toxicity - Fish**

LC50 96 hours 20800 mg/l Pimephales promelas (Fat-head Minnow)

##### **Acute Toxicity - Aquatic Invertebrates**

EC50 48 hours 23300 mg/l Daphnia magna

##### **Acute Toxicity - Aquatic Plants**

EC50 > 1000 mg/l Selenastrum capricornutum

#### **ACETONE (CAS: 67-64-1)**

##### **Acute Toxicity - Fish**

LC50 >100 mg/l (fish)

##### **EC 50, 48 Hrs, Daphnia, mg/l**

8800

#### **BUTANONE (CAS: 78-93-3)**

LC50 > 100 mg/l

#### **BUTYL ACETATE -norm (CAS: 123-86-4)**

##### **Acute Toxicity - Fish**

LC50 96 hours 18 mg/l Pimephales promelas (Fat-head Minnow)

##### **Acute Toxicity - Aquatic Invertebrates**

EC50 48 hours 44 mg/l Daphnia magna

##### **Acute Toxicity - Aquatic Plants**

EC50 72 hours 647.7 mg/l Scenedesmus subspicatus

#### **2-METHOXY-1-METHYLETHYL ACETATE (CAS: 108-65-6)**

##### **LC 50, 96 Hrs, Fish mg/l**

>100

##### **IC 50, 72 Hrs, Algae, mg/l**

>100

##### **Acute Toxicity - Microorganisms**

EC50 > 100 mg/l Activated sludge

#### **HYDROCARBONS, C6, ISOALKANES <5% N-HEXANE (CAS: 64742-49-0)**

##### **LC 50, 96 Hrs, Fish mg/l**

10-100

##### **IC 50, 72 Hrs, Algae, mg/l**

10-100

#### **HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE (CAS: 64742-49-0)**

##### **LC 50, 96 Hrs, Fish mg/l**

1-10

##### **IC 50, 72 Hrs, Algae, mg/l**

10-100

## **12.2. Persistence and degradability**

### **Degradability**

No data available.

## **12.3. Bioaccumulative potential**

### **Bioaccumulative potential**

No data available on bioaccumulation.

### **Partition coefficient**

Not available

## **12.4. Mobility in soil**

### **Mobility:**

No data available

## **12.5. Results of PBT and vPvB assessment**

No data available



## 12.6. Other adverse effects

Not available.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Make sure containers are empty before discarding (explosion risk). Do not puncture or incinerate even when empty. Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: TRANSPORT INFORMATION

### 14.1. UN number

UN No. (ADR/RID/ADN)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950

### 14.2. UN proper shipping name

Proper Shipping Name                      AEROSOLS

### 14.3. Transport hazard class(es)

ADR/RID/ADN Class	2
ADR/RID/ADN Class	Class 2: Gases
ADR Label No.	2.1
IMDG Class	2.1
ICAO Class/Division	2.1
ICAO Subsidiary risk	2.1

Transport Labels



### 14.4. Packing group

ADR/RID/ADN Packing group	N/A
ICAO Packing group	N/A

### 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant  
No.

### 14.6. Special precautions for user

EMS	F-D, S-U
Tunnel Restriction Code	(D)

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not relevant

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

### Uk Regulatory References

Health and Safety at Work Act 1974. Chemicals (Hazard Information & Packaging) Regulations. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

### Statutory Instruments

Control of Substances Hazardous to Health.

### Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

### EU Legislation

Dangerous Preparations Directive 1999/45/EC.

## 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

**Revision Date** April 2015

**Revision** 2

**Supersedes date** November 2009

### Risk Phrases In Full

R12 Extremely flammable.  
R10 Flammable.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65 Harmful: may cause lung damage if swallowed.  
R11 Highly flammable  
R36 Irritating to eyes.  
R38 Irritating to skin.  
R66 Repeated exposure may cause skin dryness or cracking.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R67 Vapours may cause drowsiness and dizziness.

### Hazard Statements In Full

H319 Causes serious eye irritation.  
H315 Causes skin irritation.  
H280 Contains gas under pressure; may explode if heated.  
H222 Extremely flammable aerosol.  
H220 Extremely flammable gas.  
H226 Flammable liquid and vapour.  
H412 Harmful to aquatic life with long lasting effects.  
H225 Highly flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H336 May cause drowsiness or dizziness.  
EUH066 Repeated exposure may cause skin dryness or cracking.  
H411 Toxic to aquatic life with long lasting effects.

### Disclaimer

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.