



Cranfield Colours
Spectrum Artists Materials

Safety Data Sheet according to Directive 91/155/EC

Revision Date	September 2014
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1) Identification of the substance/preparation and the company

PRODUCT NAME/CODE	Acrylic Soluble Varnish / 0643 / 0644
APPLICATION	Medium for Artists' Acrylic Paints
MANUFACTURER /SUPLIER	Cranfield Colours Ltd 44–45 Springvale Industrial Estate Cwmbran, Gwent NP4 5BB Tel 01633 861421 Fax 01633 864354 sales@cranfield-colours.co.uk

2) Composition / Information on ingredients

Mixture of resins in White Spirit

Contains the following substances presenting a health or environmental hazard according to current EU Legislation within the meaning of the Dangerous Substance Directive 67/548/EEC and Dangerous Preparations Directive 1999/45/EC

Substance name	Concentration %	Classification (*)	Concentration Limits	EINECS No	CAS No
White Spirit (Low boiling point hydrogen treated naphtha)	70%	Xn Carc. Cat 2 Muta. Cat 2 R10 R 45 R46 N R 51/ 53 R65 R66	NDA	265-185-4	64742-82-1
Isobutyl methacrylate	<1% (0.0018 - 0.003%)	R10 Xi; R36/37/38 R43 N; R50	NDA	97-86-9	202-613-0

See Section 15 for the full text of the Risk Phrases R and Classification

3) Hazards Identification

Physical/ chemical Hazards	R10 Flammable
Human Health Hazards	R65 Harmful: May cause lung damage if swallowed R66 Repeated exposure may cause skin dryness or cracking.
Environmental	R51/53 Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment.
Precautionary Statement	Contains isobutyl methacrylate. May produce an allergic reaction.

First Aid Measures**Eye contact**

Flush opened eye for several minutes with water. Obtain medical attention urgently

Skin contact

Wash with soap and water and rinse thoroughly. Remove contaminated clothing as washing proceeds. Contaminated clothing should be washed or dry cleaned before reuse.

Inhalation

Remove subject to fresh air. Keep warm and at rest. If breathing stops or shows signs of failing, give artificial respiration. If symptoms persist seek medical aid

Ingestion

Rinse out mouth with water. Have victim drink 240-300 ml of water to dilute stomach contents. Obtain medical attention. Do not induce vomiting.

5) Fire Fighting Measures**Extinguishing media**

Carbon Dioxide or powder or alcohol resistant foam. Do not use Water

Special Exposure Hazard

Combustion will generate oxides of carbon. Vapours are heavier than air and will travel along the ground.

Protective equipment

Self contained respiratory device

6 Accidental Release Measures

Use Nitrile gloves, goggles and overalls.

Try to prevent the material from entering drains or water course

Contain spilled material with inert material. Transfer material to container for disposal. Dispose of contaminated material as waste according to section 13

7) Handling And Storage**Handling**

Observe good standard of hygiene. Do not eat, drink or smoke when working with materials Use gloves and overalls to avoid skin contact. Use in well ventilated area. Keep away from heat. Keep away from sources of ignition.

Storage

Storage area should be cool dry, well ventilated and out of direct sunlight. Store away from sources of heat or ignition

8) Exposure / Personal Protection**Respiratory protection**

Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. In confined spaces, without adequate ventilation, use an approved/certified vapour respirator.

Skin protection

Wear Nitrile gloves / overalls.

Eyes protection

If there is a risk of splashing, use safety glasses / goggles

9) Physical and chemical Properties

Appearance	Clear amber liquids
Odour	Paraffinic
Boiling Point	155-196°C White Spirit
Melting point	-40°C White Spirit

Softening point	N/A
Ph	N/A
Flammability	Flammable in presence of open flames
Flash point	39°C White Spirit
Viscosity	Thin liquids
Solubility	Insoluble in water

10) Stability And Reactivity**Stability**

Stable under normal conditions

Materials to avoid

Strong oxidizing agents (e.g. hydrogen Peroxide, Chromic Acid)

Acids

Conditions to avoid

High temperatures. Exposure to direct sunlight, Static discharge.

11) Toxicological Information

Inhalation	could cause irritation
Eye contact	could cause irritation
Ingestion	could cause irritation
Skin contact	could cause irritation"
Acute toxicity	White Spirit: Acute oral toxicity LD50 >5000mg /kg (rat)

12) Ecological Information

Do not allow product to reach ground water, water course or sewage system

Toxic to aquatic organisms

13) Disposal Information

Must not be disposed together with household garbage. Do not allow product to reach sewage system
Dispose in accordance with all applicable local and national regulations

14) Transport Information

UN Number	1263
Proper shipping name	Paints (Resin Solution)
ADR/RID	
EAC Code (Hazchem Code)	•3Y
Hazard Class	3
HIN Code	30
Packing Class	111
Other:	
IMO class:	3
IMDG code;	
Marine pollutant	Yes

15) Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
EU Regulation (EC) No. 1907/2006 (REACH)

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.

Annex XIV (List of substances subject to authorisation) None of the components are listed.

Substances of very high concern - None of the components are listed.

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16) Other information

MSDS Prepared in accordance with Directive 1999/45/EC refer and current UK CHIP Regulations

Full Text of Classification, Risk and Safety Phrases used in this MSDS

Classification

H Harmful

N Dangerous to the environment

R10 Flammable

R51/53 Toxic to aquatic organism, 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

Safety Phrases

S2 Keep out of reach of children.

S23 Do not breathe Avoid contact with gas/fumes/vapour/spray

S24 Avoid contact with skin

S43 In case of fire, use dry chemical powder, alcohol resistant foam, carbon dioxide. Do not use water

S61 Avoid release to the environment. Refer to special instructions / safety data sheets

S62 If swallowed, do not induce vomiting. Seek medical advice immediately and show this container or label

DISCLAIMER To best of our knowledge the information contained herein is accurate. However, neither the above supplier assumes any liability whatsoever for the accuracy or completeness of the information herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.