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Spectrum Picture varnish

(TNL 802104-802105)

### 1. Identification of the substance/preparation and of the company/undertaking

Product name: Spectrum Picture Varnish  
Stock codes: 802104, 802105  
Relevant identified uses of the substance or mixture:  
Artist Varnish  
Company name: Cranfield Colours Ltd  
44-47 Springvale Estate  
Cwmbran, Wales  
NP44 5BB  
Tel: 01633 861421  
Email: hello@cranfield-colours.co.uk  
Emergency Number: 01633 861421 - Office hours only, this is not a poison centre.

### 2. Hazards identification

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

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 3 H226  
STOT SE 3 H335  
STOT SE 3 H336  
Asp. Tox. 1 H304  
Aquatic Chronic 2 H411

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

R10  
Xn; R65  
Xi; R37  
N; R51/53  
R66  
R67

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects: No additional information available

#### 2.2. Label elements:

Labelling according to Regulation (EC) No. 1272/2008

[CLP] Hazard pictograms (CLP)



GHS02



GHS07



GHS08



GHS09

Signal word (CLP):	Danger
Hazardous Ingredients:	Contains Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%) and Hydrocarbon, C9 aromatics
Hazard statements (CLP):	H226 - Flammable liquid and vapour H304 - May be fatal if swallowed and enters airways H335 - May cause respiratory irritation H336 - May cause drowsiness or dizziness H411 - Toxic to aquatic life with long lasting effects
Precautionary statements (CLP):	P210 - Keep away from open flames, sparks, hot surfaces, heat. - No smoking P261 - Avoid breathing vapours, mist, spray P273 - Avoid release to the environment P301+P310 - IF SWALLOWED: immediately call a POISON CENTER or doctor/physician P304+P340 - IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing. P331 - Do NOT induce vomiting
EUH phrases:	EUH066 - Repeated exposure may cause skin dryness or cracking

### 2.3. Other hazards

No additional information available

## 3. Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	Concentration %	Classification according to Directive 67/548/EEC
Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%) WHITE SPIRIT	(EC no) 919-446-0 (REACH-no) 01-2119458049-33	30-40	Xn; R65 N; R51/53 R10 R66 R67
Hydrocrabon C9 aromatics	(CAS No) 64742-95-6 (EC no) 918-668-5 (REACH-no) 01-2119455851-35	15-20	Xn; R65 Xi; R37 N; R51/53 R10 R66 R67

Name	Product identifier	Concentration %	Classification according to Regulation (EC) No. 1272/2008 (CLP)
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Hydrocarbons, C9 aromatics	(CAS No) 64742-95-6 (EC no) 918-668-5 (REACH-no) 01-2119455851-35	15-20	Flam. Liq. 3 H226 STOT SE 3, H335 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

## 4. First aid measures

### 4.1. Description of first aid measures

First-aid measures general :	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible)
<u>Inhalation</u>	Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.
<u>Ingestion</u>	Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor physician.
<u>Skin content</u>	Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Repeated exposure may cause skin dryness or cracking.
<u>Eye contact</u>	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation:	May cause respiratory irritation. May cause drowsiness or dizziness.
Symptoms/injuries after ingestion:	May be fatal if swallowed and enters airways.

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

No additional information available

## 5. Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media:	Foam. Dry powder. Carbon dioxide. Sand.
Unsuitable extinguishing media:	Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard:	Highly flammable liquid and vapour.
Explosion hazard:	May form flammable/explosive vapour-air mixture.

### 5.3. Advice for fire-fighters

Firefighting instructions :	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting :	Do not enter fire area without proper protective equipment, including respiratory protection.

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures:	Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking.
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#### 6.1.1. For non-emergency personnel

Emergency procedures:	Evacuate unnecessary personnel.
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#### 6.1.2. For emergency responders

Protective equipment:	Equip clean up crew with proper protection. Avoid breathing vapours, mist, spray.
Emergency procedures:	Ventilate area.

## 6.2. Environmental precautions:

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

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

Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

## 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## 7. Handling and storage

### 7.1. Precautions for safe handling:

Additional hazards when processed:	Handle empty containers with care because residual vapours are flammable.
Precautions for safe handling:	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No naked lights. No smoking. Use only non-sparking tools. Avoid breathing vapours, mist, spray. Use only outdoors or in a well-ventilated area.

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

Technical measures:	Explosion-free electrical equipment and lighting with earth. Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment.
Storage conditions:	Keep only in the original container in a cool, well ventilated place away from heat sources. Keep in fireproof place. Keep container tightly closed.
Incompatible products:	Strong bases. Strong acids.
Incompatible materials:	Sources of ignition. Direct sunlight. Heat sources.

## 8. Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2 Exposure controls:

Personal protective equipment:	Insufficient ventilation: wear respiratory protection. Gloves. Safety glasses. Avoid all unnecessary exposure.
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Hand protection:	Wear protective gloves. Since the product consists of several substances, it is possible to estimate the durability of the glove material beforehand and it therefore needs to be tested before use. Gloves must be replaced after each use and whenever signs of wear or perforation appear.
Eye protection:	Chemical goggles or safety glasses.
Respiratory protection:	Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Wear respiratory protection.
Other information:	Do not eat, drink or smoke during use.

## 9 Physical and chemical properties

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

Physical form	Liquid
Colour	Colourless, clear
Odour	Characteristic
Odour threshold	No data available
pH value:	No data available
Boiling point (°C)	No data available
Sublimation Temperature:	No data available
Flash point	No data available
Evaporation rate:	No data available
Flammability	Flammable liquid and vapour
Lower explosion limit:	No data available
Upper explosion limit:	No data available
Vapour pressure	No data available
Density	No data available
Viscosity, dynamic:	No data available
Viscosity, kinematic:	No data available

### 9.2. Other information

No additional information available

## 10. Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Not established.

Highly flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight.

Extremely high or low temperatures.

Open flame.

### 10.5. Incompatible materials

Strong acids.

Strong bases.

### 10.6. Hazardous decomposition products

Fumes.

Carbon monoxide, Carbon dioxide.

May release flammable gases.

## 11. Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity: Not classified

### Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 4000 mg/kg

### Hydrocarbons C9 aromatics (64742-95-6)

LD50 oral rat	3592 mg/kg
LD50 dermal rabbit	> 3160 mg/kg
ATE (oral)	3592,000 mg/kg bodyweight

Skin corrosion/irritation:	Not classified Repeated exposure may cause skin dryness or cracking
Serious eye damage/irritation:	Not classified Based on available data, the classification criteria are not met
Respiratory or skin sensitisation:	Not classified Based on available data, the classification criteria are not met
Germ cell mutagenicity:	Not classified Based on available data, the classification criteria are not met
Carcinogenicity:	Not classified Based on available data, the classification criteria are not met
Reproductive toxicity:	Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure):	May cause respiratory irritation. May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure):	Not classified Based on available data, the classification criteria are not met
Aspiration hazard:	May be fatal if swallowed and enters airways.
Potential Adverse human health effects and symptoms:	Based on available data, the classification criteria are not met.
Other information:	Risk of aspiration pneumonia.

## 12. Ecological information

### 12.1 Toxicity

Ecology - water:	Toxic to aquatic life with long lasting effects.
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### Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%)

EC50 Daphnia 1	7,8 g/l
EC50 other aquatic organisms 1	3,59 g/l

### Hydrocarbons C9 aromatics (64742-95-6)

LC50 fishes 1	9,2 mg/l
EC50 Daphnia 1	3,2 mg/l
ErC50 (algae)	2,6 - 2,9 mg/l
NOEC chronic fish	1,23 mg/l

### 12.2. Persistence and degradability

#### Cranfield Gloss Picture Varnish

Persistence and degradability	May cause long-term adverse effects in the environment.
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### 12.3. Bioaccumulative potential

#### Cranfield Gloss Picture Varnish

Bioaccumulative potential Not established.

### 12.4. Mobility in soil

No additional information available

### 12.5 Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

Avoid release to the environment

## 13. Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations.

Additional information: Handle empty containers with care because residual vapours are flammable.

Ecology - waste materials: Avoid release to the environment. Hazardous waste due to toxicity.

## 14. Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN Number

UN-No (ADR):	1263
UN-No.(IATA):	1263
UN-No. (IMDG):	1263
UN-No.(ADN):	1263

### 14.2. UN proper shipping name

Proper Shipping Name:	PAINT/PAINT RELATED MATERIAL
Transport document description:	UN 1263 PAINT / PAINT RELATED MATERIAL, 3, III, (D/E)

### 14.3. Transport hazard class(es)

Class (UN):	3
Classification code (UN):	F1
Class (IATA):	3
Class (IMDG):	3
Class (ADN):	3
Hazard labels (UN):	3



### 14.4. Packing group

Packing group (UN):	III
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### 14.5. Environmental hazards

Dangerous for the environment	Yes
Marine pollutant	No
Other information:	No information available.

#### NOTE

*Limited quantity (LQ) rules apply when maximum individual product container = 5L maximum and outer box = 30kg (or 20kg shrink wrapped tray*



## 14.6. Special precautions for user

### 14.6.1. Overland transport

Hazard identification number (Kemler No.): 30  
Classification code (UN): F1  
Orange plates:



Special provision (ADR) Transport category (ADR) 163, 650, 640E  
3  
Tunnel restriction code D/E  
Limited quantities (ADR) 5L  
Excepted quantities (ADR) E1  
EAC code 3YE

### 14.6.2. Transport by sea

No additional information available

### 14.6.3. Air transport

No additional information available

### 14.6.4. Inland waterway transport

No additional information available

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## 15. Regulatory information

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

#### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions  
Contains no REACH candidate substance

Seveso Information

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## 16. Other information

**Data sources:** REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

### Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

ATE: Acute Toxicity Estimated. CAS: Chemical Abstracts Service (division of the American Chemical Society).



CLP: Classification, Labelling and Packaging. CMR: Carcinogen, Mutagen, Reprotoxic.

CSA: Chemical Safety Assessment.

CSR: Chemical Safety Report.

DNEL: Derived No Effect Level (for human).

EC50: Median Effective Concentration (required to induce a 50% effect).

EINECS: European Inventory of Existing Commercial Chemical Substances.

GHS: Globally Harmonized System of Classification and Labelling of Chemicals.

IATA: International Air Transport Association.

IMDG: International Maritime Code for Dangerous Goods.

LC50: Lethal concentration, 50 percent.

LD50: Lethal dose, 50 percent.

PBT: Persistent, Bio accumulating and Toxic.

PNEC: Predicted No Effect Concentration (for environment).

REACH: Registration, Evaluation and Authorisation of Chemical substances.

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail).

SVHC: Substances of Very High Concern.

vPvB: very Persistent, very Bio accumulating.

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Full text of R-, H- and EUH-phrases:

Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard category 1
Flam. Liq. 3	Flammable liquids, category 3
STOT SE 1	Specific target organ toxicity - single exposure, category 1
STOT SE 3	Specific target organ toxicity - single exposure, category 3, respiratory tract irritation
STOT SE 3	Specific target organ toxicity - single exposure, category 3, Narcosis
H226	Flammable liquid and vapour
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects
R10	Flammable
R37	Irritating to respiratory system
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
N	Dangerous for the environment
Xi	Irritant
Xn	Harmful