

For personal protection see Section 8.

Never use pressure to empty: container is not a pressure vessel.

Always keep in containers of same material as the original one.

Comply with the health and safety at work laws.

Do not allow to enter drains or watercourses.

Advice on protection against fire and explosion : Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. **7.2**

Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in accordance with the Dangerous Substances and Explosive Atmospheres Regulations, 2002, (DSEAR). The requirements are given in the HSE Approved Code of Practice and Guidance, Storage of Dangerous Substances: DSEAR.

Notes on joint storage : Store away from oxidising agents, from strongly alkaline and strongly acid materials.

Additional information on storage conditions : Observe label precautions.
 Store between 5°C and 25°C in a dry, well ventilated place away from sources of heat and direct sunlight.
 Keep container tightly closed.
 Keep away from sources of ignition.
 No smoking.
 Prevent unauthorised access.
 Containers which are opened must be carefully resealed and kept upright to prevent leakage.
 The principles contained in the HSE guidance note, Chemical Warehousing: The Storage of Packaged Dangerous Substances, should be observed when storing this product.

7.3 Specific end use(s) : None.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Limits for occupational exposure and/or biological limit values.

Chemical name	Physical state	LTEL - 8hr TWA		STEL - 15min		Notes
		ppm	mg/m ³	ppm	mg/m ³	
White Spirit			350			

LTEL - Long Term Exposure Limit, STEL - Short Term Exposure Limit, TWA - Time-Weighted Average.

ppm - parts per million by volume, mg/m³ - milligrams per cubic metre.

BMGV - Biological Monitoring Guidance Values are given in Table 2 of EH40/2005 Workplace exposure limits. Carc - Capable of causing cancer and/or heritable genetic damage.

Sen - Capable of causing occupational asthma.

Sk - Can be absorbed through the skin. Dermal absorption may lead to systemic toxicity.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

General advice

: Provide adequate ventilation.

Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

8.2.2 Personal protection equipment

Respiratory protection

: If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators.

Hand protection

: There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

For prolonged or repeated handling, use Polyvinyl Alcohol (PVA) or Viton Rubber (FluorRubber).

The breakthrough time must be greater than the end use time of the product.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Always ensure that gloves are free from defects and that they are stored and used correctly.

The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance.

Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

Eye protection

: Use safety eyewear designed to protect against splash of liquids.

Skin protection : Personnel should wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre.

8.2.3 Environmental exposure controls

General advice : Do not allow to enter drains or watercourses.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance - Physical state : Liquid.
- Colour : Colourless. Characteristic.
Odour : Pungent.
Odour threshold - Lower : Not determined.
- Higher : Not determined.
pH : Not determined.
Melting point/freezing point (°C) : Not applicable.
Initial boiling point and boiling range (°C) : 150-200 760 mmHg
Flash point (°C) : 39
Evaporation rate : 65 (EtEt=1)
Flammability/explosive limits - Lower (%) : 0.7
- Higher (%) : 7
Vapour pressure : <5 hPa 20.0 Heavier
Vapour density (air=1) : than air. 0.774-0.795
Relative density (g/ml) Solubility(ies) : 15 Not applicable.
Partition coefficient : Not applicable.
Auto-ignition temperature (°C) :
Decomposition temperature (°C) : >230
Viscosity : Not determined.
Explosive properties : 0.95 mm²/s 40
Oxidising properties : May form explosive mixtures with air.
: Not applicable.

9.2 Other information

None.

Section 10: Stability and reactivity

10.1 Reactivity : No data available.

10.2 Chemical stability : Stable under recommended storage and handling conditions. (See Section 7).

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- 10.3 Possibility of hazardous reactions** : Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
- 10.4 Conditions to avoid** : When exposed to high temperatures may produce hazardous decomposition products.
- 10.5 Incompatible materials** : No data available.
- 10.6 Hazardous decomposition products** : Carbon monoxide and dioxide, smoke, oxides of nitrogen.
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Section 11: Toxicological information

There are no data available on the mixture itself.

The mixture has been assessed following the conventional method of the Classification, Labelling and Packaging of Substances and Mixtures Regulation (EC) No. 1272/2008, (CLP) and classified for toxicological hazards accordingly.

See Sections 2 and 3 for details.

11.1 Information on toxicological effects

Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin.

Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

The liquid splashed in the eyes may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhoea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Section 12: Ecological information

There are no data available on the mixture itself. Do not allow to enter drains or watercourses.

- 12.1 Toxicity** : No data available.
- 12.2 Persistence and degradability** **12.3 Bioaccumulative potential** : No data available.
- 12.4 Mobility in soil** : No data available.
- 12.5 Results of PBT and vPvB assessment** **12.6 Other adverse effects** : No data available.
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Section 13: Disposal considerations**13.1 Waste treatment methods**

Do not allow to enter drains or watercourses.

The European List of Waste classification of this product, when disposed of as waste, is

Waste Code: 08 01 11* **Name of Waste (according to Commission Decision 2000/532/EC):** Waste paint and varnish containing organic solvents or other dangerous substances.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

For further information contact your local waste authority.

Using information provided in this safety data sheet, advice should be obtained from the local waste authority on the classification of empty containers.

Empty containers must be scrapped or reconditioned.

Dispose of containers contaminated by the product in accordance with local or national legal provisions.

Section 14: Transport**information 14.1 UN number**

ADR/RID/ADN : 1263

IMDG : 1263

ICAO : 1263

14.2 UN proper shipping name : PAINT RELATED MATERIAL

14.3 Transport hazard class(es)

ADR/RID/ADN Class : 3

ADR/RID/ADN Class : Class 3: Flammable liquids. 3

ADR Label number : 3

IMDG Class : 3

ICAO Class/Division :

Transport labels :

**14.4 Packing group**

ADR/RID/ADN : III

IMDG : III

ICAO : III

14.5 Environmental hazards : Environmentally Hazardous Substance/Marine Pollutant.

14.6 Special precautions for user

ADR Tunnel Restriction Code : (D/E)
IMDG EmS : F-E, S-
IMDG Stowage Category : A

Always transport in closed containers that are upright and secure.

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

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

: Not applicable.

Section 15: Regulatory information

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

The information in this Safety Data Sheet is required pursuant to :

- Registration, Evaluation, Authorisation and Restriction of Chemicals, Regulation (EC) No. 1907/2006, (REACH).
- Classification, Labelling and Packaging of substances and mixtures, Regulation (EC) No. 1272/2008, (CLP).
- The Dangerous Substances and Explosive Atmospheres Regulations, 2002, (DSEAR).
- The Control of Substances Hazardous to Health Regulations, 2002, (COSHH).
- The Health and Safety at Work etc Act, 1974, (HSWA).

Approved Codes of Practice and Guidance notes relevant to this Safety Data Sheet :

- The European Chemicals Agency (ECHA) Guidance on the compilation of safety data sheets, Version 2.1.
- CEPE Guideline for Safety Data Sheets, 9th Edition.
- HSE Approved Code of Practice and Guidance, Dangerous Substances and Explosive Atmospheres.
- HSE guidance note, Chemical Warehousing: The Storage of Packaged Dangerous Substances.
- HSE publication, EH40/2005 Workplace exposure limits.

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

Section 16: Other information

Full text of Hazard Statements referred to in Section 3.

H226 : Flammable liquid and vapour.

H304 : May be fatal if swallowed and enters airways.

H336 : May cause drowsiness or dizziness.

H372 : Causes damage to organs through prolonged or repeated exposure. H411 :

Toxic to aquatic life with long lasting effects.

Revision history

Date	Version	Amendments
10/12/18	4.50	Changes to Section 3.2 Changes
02/12/16	4.00	to Section 3.2 Changes to
25/05/16	3.10	Sections 3.2, 8.1, 16

The information in this Safety Data Sheet is based on the present state of knowledge and current legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

The product should not be used for purposes other than those shown on the Technical Data Sheet without first referring to the supplier and obtaining written handling instructions.

As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

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.
