

TECHNISPRAY PAINTS LTD.

Linton House, Catherine Street, Aston, Birmingham B6 5RS U.K.

Tel: ++44 (0) 121 326 8020 Fax: ++44 (0) 121 327 1507

Email: enquiries@kolorbond.co.uk

www: kolorbond.co.uk

SAFETY DATA SHEET - REGULATIONS 1994 (CHIP 2)

Technispray Paints Limited urges the customer receiving this Material Safety Data Sheet to study it carefully to become aware of hazards, if any, of the product involved.

In the interests of safety you should:

- 1) notify your employees, agents and contractors of the information on this sheet,
- 2) furnish a copy to each of your customers for the product, and
- 3) request your customers to inform their employees and customers as well.

1) Identification and Company

Date revised: 21 09 09

Revision No:12

Company:

TECHNISPRAY PAINTS LIMITED

Product Name:

Vynlkote

Chemical Characterisation:

A solvent based paint for soft plastics, vinyl's and leather

Form

Liquid - 1, 5, & 20 litre cans.

Colour

Various

Odour

Characteristic odour

2) Composition

Material	CAS No:	% Content	Risk	Symbol	Risk Phrases
Butanone (Butan-2-one)	78-93-3	40 - 50		Xi	11,36,66,67
Methyl Isobutyl Ketone	108-10-1	10 - 20		Xi	11,20,36,37,66
Ethyl Acetate	141-78-6	10 - 20		Xi	11,36,66,67
Xylene	1330-20-7	1 - 10		Xn	10,20,21,38
Ethylbenzene	100-41-4	0.5 - 1		Xn	11,20
Iso-butanol	78-83-1	0.5 - 1		Xi	10,37,38,41,67
Methyl Methacrylate	80-62-6	0 - 0.5		Xi	11,36,37,38,43
Di-iso-nonyl-phthalate	28553-12-0	1 - 10			

in accordance with EU Directives

3) Hazards Identification

Physical	Highly Flammable. R-11
Adverse Human Effects	Can enter the body by inhalation, ingestion, or through the skin. Irritates the eyes, skin and respiratory tract. Liquid removes the skin's natural oils. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

4) First Aid Measures

Inhalation	Move the exposed person to fresh air at once. Get medical attention immediately. For breathing difficulties oxygen may be necessary. If rapid recovery does not follow, apply artificial respiration.
Ingestion	Do not induce vomiting. Obtain medical attention immediately.
Skin	Wash the skin immediately with soap and water. Use a moisturiser.
Eye	Get medical attention if any discomfort continues. Flush with plenty of water for several minutes. Make sure to remove any contact lenses before rinsing. Continue to rinse for at least 15 minutes. If irritation persists, refer for medical attention.

5) Fire Fighting Measures

Extinguishing Media	Use a dry chemical powder, foam or carbon dioxide extinguisher, sand or earth.
Special Fire Fighting Procedures	Do not use water in a jet. Containers close to fire should be removed or cooled with water. Use water to keep fire-exposed containers cool.
Unusual Fire & Explosion Hazards	Risk of explosion if heated.

6) Accidental Release Measures

Spillage/Leakage/Gas Leakage	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Wear the necessary protective equipment. Prevent the liquid from spreading with sand or sawdust. Shovel up and remove to a safe place. Flush contaminated area with water. If leakage cannot be stopped evacuate area. Ventilate well. Do not contaminate water sources or sewer. Shovel up and remove to a safe place. Extinguish naked flames. Ensure adequate ventilation. Wear protective clothing and breathing apparatus as outlined below.
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7) Handling and Storage

Handling Precautions	Ensure adequate positive ventilation to keep concentrations well below hazard levels.
Storage Precautions	Keep away from heat, sparks and open flames. Containers must not be exposed to direct sunlight or temperatures above 50°C. Store away from oxidising agents. Avoid exposure to sources of heat or ignition. Keep containers tightly closed. Avoid build up of static electricity.

8) Exposure Controls and Personal Protection

Name	CAS No.	STD	LT EXP (8 hrs)	ST EXP (15 min)
Butanone	78-93-3	OES	200 ppm (SK)	300 ppm (SK)
Methyl Isobutyl Ketone	108-10-1	OES	50 ppm (SK)	100 ppm (SK)
Ethyl Acetate	141-78-6	OES	200 ppm (SK)	400 ppm (SK)
Methyl methacrylate	80-62-6	OES	50 ppm (SK)	100 ppm (SK)
Ethylbenzene	100-41-4	OES	100 ppm (SK)	125 ppm (SK)
Iso-butanol	78-83-1	OES	50 ppm (SK)	75 ppm (SK)
Xylene	1330-20-7	OES	50 ppm (SK)	100 ppm (SK)
Comments		OES = Occupational Exposure Standard SUP = Supplier's Recommendation SK = Can be absorbed through skin		

Protective Equipment	Wear goggles giving complete protection to eyes. Wear nitrile rubber gloves. Wear overalls. Avoid contact with liquid. Wear an approved breathing apparatus when concentrations above 100 ppm are present.
Ventilation	Provide adequate general and local exhaust ventilation.
Respirators	No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).
Protective Gloves	Use protective nitrile rubber gloves.
Eye Protection	Use approved safety goggles or face shield.
Clothing Protection	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
Industrial Hygiene Work Routine	DO NOT SMOKE IN WORK AREA. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. No eating or drinking while working with this material.

9) Physical and Chemical Properties

Appearance	Liquid
Odour	Organic solvents
Colour	Various
Change in Physical State	Melting point below - 15°C Boiling point >79°C
Density	0.85 g/cm ³ average
Vapour Pressure	(40°C) 151 mmHg
Viscosity	(20°C) 15-20 cps
Solubility in water	immiscible in water
VOC	740g/l Kgs/Lt, 0.740
Flash Point	4°C (Closed Cup)
Ignition Temperature	> 300°C
Flammability Limit (upper %)	11.5
Flammability Limit (lower %)	1.3

10) Stability and Reactivity

Thermal Decomposition	Thermal decomposition will occur.
Hazardous Decomposition Products	Fire creates: Vapours / Gases / Carbon monoxide (CO) and Carbon dioxide (CO ₂) Fumes
Hazardous Reactions	No hazardous decomposition products when stored and used correctly.
Conditions to Avoid	Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidising agents, strong alkali, and strong mineral acids.

11) Toxicological Information

Health Hazards, General	Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.
Inhalation	Gas or vapour at high concentrations may irritate respiratory system. Gas or vapour displaces oxygen available for breathing (asphyxiant).
Skin	Product has a de-fatting effect on the skin. Prolonged or repeated exposure may cause severe irritation.
Eyes	Irritating to the eyes. Spray and vapour in the eyes may cause irritation and smarting. May cause severe irritation to eyes.
Route of entry	Inhalation. Skin and /or eye contact.

12) Ecological Information

Do not allow to escape into water, wastewater drains or soil.

13) Disposal Considerations

Empty containers must not be burned because of explosion hazard.
Dispose of in accordance with the Local Authority requirements.
Contact specialist disposal companies.

in accordance with EU Directives

14) Transport Information

LITRES:

ADR:

ADR: UN Number	1263
ADR: Proper Shipping Name	Paint
ADR: Class	3
ADR: Packing Group	II
ADR: Classification Code	F1
ADR: Transport Category	2
ADR: Hazard Identification Number	33

Shipping:

IMDG: UN Number	1263
IMDG: Proper Shipping Name	Paint
IMDG: Class	3
IMDG: Packing Group	II
IMDG: EmS	F-E, S-E

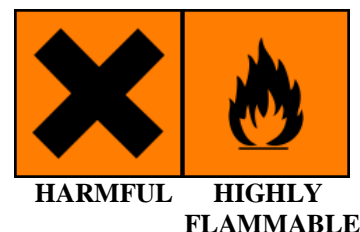
Air Transport:

IATA: UN Number	1263
IATA: Proper Shipping Name	Paint
IATA: Class	3
IATA: Packing Group	II
IATA: Packing Instruction	305

15) Regulatory Information

Label

According to the Directive (1999/45/E-C) relating to the classification packaging and labelling of dangerous substances and preparations, the product is labelled as follows:



Risk Phrases

R-11	Highly Flammable.
R-20	Harmful by inhalation.
R-36	Irritating to eyes.
R-37	Irritating to respiratory system.
R-38	Irritating to skin.
R-41	Risk of serious damage to eyes.
R-65	Harmful. May cause lung damage if swallowed.
R-66	Repeated exposure may cause skin dryness or cracking.
R-67	Vapours may cause drowsiness and dizziness.
(reference section 2 composition) R-10	Flammable

Safety Phrases

S-2	Keep out of reach of children.
S-16	Keep away from heat and sources of ignition.
S-21	No Smoking.
S-23	Do not breathe vapour/spray.
S-26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S-37	Wear suitable gloves.
S-51	Use only in well ventilated areas.

in accordance with EU Directives

16) Other Information

Emergency Action	Notify Police and Fire Brigade immediately.
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17) Disclaimer

Disclaimer

The information accumulated herein is believed to be accurate and reliable as of the date above, however TECHNISPRA Y PAINTS LIMITED makes no representation, warranty or guarantee nor assumes any legal responsibility as to its accuracy, reliability or completeness. Ultimate determination of suitability for intended use is the responsibility of the user.

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in accordance with EU Directives