





Safety Data Sheet (CLP)

For occupational use not general public/consumer use

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING	
1.1 Product Identifier	Zest-it® Damar Picture Varnish
1.2 Relevant identified uses of the substance or mixture and uses advised against	Varnish for oil painting, art and creative use. Functional fluid. Craft and creative varnish.
Product Numbers	ZDPV; 1000, 500, 250, 125, 50
1.3 Details of the supplier of the safety data sheet	J and T Blackman Ltd. High Street, Barwell, Leicestershire. LE9 8DR Tel: 0116 2341001. Mob. 07885103576 email: msdssupport@zest-it.biz
1.4 Emergency telephone No	National Poisons Information Service (UK) 0844 8920111 National Chemical Emergency Centre 08701906777 and +44(0)1270502891

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
Classification under CHIP; Directive 67/548/EEC or 1999/45/EC	 Xn; Harmful: R65 may cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness or cracking.
Classification under CLP; Regulation (EC) No 1272/2008 Most important adverse effects.	 Asp. Tox. 1: H304 May be fatal if swallowed and enters airways. EUH066: Repeated exposure may cause skin dryness or cracking
2.2 Label elements	
Label elements under CLP Hazard pictograms Signal word	 Danger
Hazard statements:	H304 May be fatal if swallowed and enters airways. EUH066: Repeated exposure may cause skin dryness and cracking
Precautionary statements:	P301+ P331+ 312 If Swallowed: Do NOT induce vomiting; Call a Doctor . P302+352: If on skin: Gently wash with soap and water. P305+351+338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Label elements under CHIP Hazard symbols	Harmful 
Risk phrases	R65: Harmful: may cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness or cracking.
Safety phrases	S-62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label. S-37 Wear suitable gloves. S-02 Keep out of reach of children
2.3 Other hazards	
The mixture contain no components considered to be either persistent, bioaccumulative, toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.	

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures	Mixture of substances listed below with nonhazardous additions.	
Aliphatic Hydrocarbon CAS number 64742-47-8 EINECS 265-149-8	Classification (67/548/EEC) Asp. Tox. 1: H304; EUH066	60 - 100%
Orange Terpenes CAS-No: 8028-48-6 EC No: 232-433-8	Classification (EC 1272/2008) R65 R10 R38 Classification (67/548/EEC) H226 H304	1-15%
Gum Damar	Not a hazardous substance or mixture	20 - 40%
This material is listed on the following inventories:	REACH, TSCA, DSL, ENCS, EINECS, AICS, ECL, ISHL, PICCS, KECl, ASIA-PAC and NZIoC	

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures	
General Info	NEVER give anything by mouth to an unconscious person. If symptoms persist, always call Doctor

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Inhalation	Remove from exposure, keep at rest, Supply fresh air, consult doctor in case of complaints.
Ingestion (swallowing)	Immediately rinse mouth; drink plenty of water or milk. DO NOT induce vomiting. If vomiting occurs, keep head low; call for medical help immediately; transfer to hospital.
Skin contact	Promptly remove any soaked or contaminated clothing and shoes. Promptly wash skin with soap and water and rinse thoroughly. If skin irritation occurs consult a doctor.
Eye contact	Immediately flush eyes with plenty of water for up to 15 minutes, holding the eye open. Remove contact lens. If irritation persists consult a doctor.
4.2 Most important symptoms and effect, both acute and delayed. No further relevant information available	
4.3 Indication of any immediate medical attention and special treatment needed. No further information	
SECTION 5: FIRE FIGHTING MEASURES	
General information	Do not breathe in smoke. Use sand or soil.
5.1 Extinguishing media	Extinguish with foam, carbon dioxide (CO ₂), dry powder, water fog, soil or sand. DO NOT use water jet as this will spread the fire.
5.2 Special hazards arising from the substance or mixture	May produce dense black smoke and toxic fumes. Carbon Oxides. Vapours are heavier than air and may travel along the ground to nearby sources of ignition.
5.3 Advice for Firefighters	Wear self contained breathing apparatus for firefighting where necessary.
SECTION 6: ACCIDENTAL RELEASE MEASURES	
6.1 Personal Precautions protective equipment and emergency procedures	Spillage can be a slippage hazard. Avoid contact with eyes and skin. Turn leaking containers leak-side up to prevent further escape. Keep unprotected persons away. Ensure adequate ventilation.
6.2 Environmental Precautions	Do not allow to enter drains, sewers or watercourses. Contain the spillage using bunding.
6.3 Method and material for containment and cleaning up	Avoid sparks, flames. Ventilate. Absorb in vermiculite, dry sand or earth. Dike to contain spread. Keep in suitable closed container for disposal.
6.4 Reference to other sections	
SECTION 7: HANDLING AND STORAGE	
7.1 Precautions for safe handling	Do not handle or use near open flames or sources of ignition.. Prevent formation of aerosols or mists. Use in well ventilated area.
7.2 Precautions for safe storage, and any incompatibilities	Store in original container in a cool dry well ventilated place. Keep away from sources of ignition, heat, spark or open flame. Keep container tightly closed
7.3 Specific end use(s)	Store in original container in a cool dry place tightly closed and away from children.
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION	
8.1 Control parameters	Contains no substance with occupational exposure limit values
8.2 Exposure controls	
General protective and hygienic measures	Keep away from foodstuffs, beverages and feed. Wash and dry hands before breaks and at the end of work. Do not inhale mists or aerosols.
Respiratory protection	No specific ventilation requirements noted. Use suitable respiratory protective device when aerosol or mist is formed.
Eye Protection	Wear approved tight fitting safety glasses where splashing is probable. Provide eye wash station.
Hand/Skin Protection	Wash and dry hands after use. Use appropriate hand lotion to prevent defatting and cracking of skin. For prolonged or repeated skin contact use suitable protective gloves. Nitrile rubber, PVA Ensure gloves are manufactured/tested in accordance with BSEN 374.
Body Protection	Wear apron or protective clothing in case of splashes. Wash contaminated clothing before reuse. The type of protective equipment must be selected according to the concentration and amount of the substance at the specific workplace.
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES	
9.1 Information on the basic physical and chemical properties	
Boiling Point	180-239°C 760 mm Hg
Density (SG)	0.90 g/cm ³
Vapour Density	4.5 @ 80°C (Air=1)
Viscosity	1.97 mPas
Solubility in / Miscibility with water	Insoluble in water
Flammability Limit - Upper(%): Lower(%)	6.5:0.6
Flash Point (°C)	70 P/M Pensky-Martens
Ignition Temperature	230°C (446°F)

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Appearance	Clear slightly viscous liquid
Odour	Mild Hydrocarbon Solvent-like
Colour	Straw to deep yellow
Danger of explosion	No - Does not present an explosion hazard
Self-igniting	No - Not self-igniting
Volatile by volume (%)	100
Melting point	Standard tests for this endpoint are intended for single substances and are not appropriate for this complex substance.
9.2 Other information	No further relevant information available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	No data available
10.2 Chemical stability	Stabile under normal conditions. Avoid heat, sparks and flames.
10.3 Hazardous reactions	No dangerous reactions known
10.4 Conditions to avoid	Open flames and other sources of ignition.
10.5 Incompatible material	Strong acids. Strong oxidizing substances.
10.6 Hazardous decomposition products	Toxic gases/vapours/fumes of, Carbon monoxide (CO), Carbon dioxide (CO ₂), Hydrocarbons, and Oxides of Nitrogen (NO _x), dense black smoke.

SECTION 11: TOXICOLOGICAL INFORMATION

General Information	Product has low toxicity. Only large volumes may have adverse impact on human health.
11.1 Information on toxicological effects	
Hazard of substance	Aspiration hazard. Based on test data
Symptom/routes of exposure	
Ingestion	Pneumonia may be the result if vomited material containing solvent reaches the lungs.
Inhalation	If heated irritating vapours may be formed. Do not spray or cause mists.
Eye contact	Splashes may irritate.
Skin contact	May cause skin dryness and cracking.
Germ cell mutagenicity	This substance has no evidence of mutagenic properties.
Carcinogenicity	This substance has no evidence of carcinogenic properties.
Reproductive toxicity	This substance has no evidence of toxicity to reproduction or the unborn.
Medical considerations	Avoid vomiting and normal rinse of stomach because of risk of aspiration.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	
Ecotoxicity values	The product is not expected to be hazardous to the environment.
12.2 Persistence and degradability	Inherently Biodegradable
12.3 Bioaccumulative potential	Bioaccumulation is unlikely.
12.4 Mobility in soil	Readily absorbed into soil
12.5 Results of PBT and vPvB assessment	This substance is not identified as a PBT substance
12.6 Other adverse effects	Negligible ecotoxicity

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with Local Authority
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SECTION 14: TRANSPORTATION INFORMATION

Transport class	This product does not require a classification.
14.1 UN number	No information required
14.2 UN proper shipping name	No information required
14.3 Transport hazard class(es)	Not applicable. (IMDG; IATA; ADR; RID;)
14.4 Packing group	Not applicable.
14.5 Environmental hazard	Marine pollutant - no.
14.6 Special precautions for user	No information required
14.7 Transport in bulk	according to annex II of marpol73/78 and the IBC code

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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. Guidance Notes Workplace Exposure Limits EH40. EU Legislation Regulation (EC) No 1907/2006 REACH. Regulation (EC) No 1272/2008 CLP.
15.2 Chemical Safety Assessment	No chemical safety assessment has been carried out
SECTION 16: OTHER INFORMATION	
Revision Date (next revision 2022)	21.Nov.17
Compilation date	29.Nov.2015; 20.Jun.2012; 20.Nov.2010;20.Nov.2008; Aug.2002
Sheet Reference	Zest-it® Damar Picture Varnish
Product covered by this data sheet	All sizes of Zest-it® Damar Picture Varnish
Phrases used in S 2 and 3	EUH066: Repeated exposure may cause skin dryness or cracking. H304: May be fatal if swallowed and enters airways. R-65 Harmful, may cause lung damage if swallowed. R-66 Repeated exposure may cause skin dryness or cracking.
<ul style="list-style-type: none"> • Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. • The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions. • It is at all times the responsibility of the user to take all necessary measures to comply with safety precautions, legal requirements and local regulations. • The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof. 	

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