



GRANWAX
Products Limited

MATERIAL SAFETY DATA SHEET

Product name: **Granpaint Resin**

Reviewed date: September 2009

Reviewed by MC

1. Identification of substance

Substance: **Granpaint Resin**
Supplier: Granwax Products Ltd
West Street
Riddings, Alfreton,
Derbyshire. DE55 4EW.
Telephone: 01773 541177 Fax: 01773 541429.
This revision September 2009

2. Composition/Data on components

Composition and classification of potentially hazardous components.

<u>Component</u>	<u>EINECS No.</u>	<u>CAS No.</u>	<u>Concentration range</u>	<u>Classification</u>	<u>Risk phrases</u>
N-butyl acetate	204-656-1	110-19-0	Approx. 20%	F	R10-66-67
Xylene (mixed isomers)	215-535-7	1330-20-7	Approx. 15%	Xn	R10-20/21-38
Methoxy propyl acetate	203-603-9	108-65-6	Approx. 25%	F,Xi	R10-36

3. Hazards identification

Flammable liquid
Harmful by inhalation and in contact with the skin

4. First aid measures

General information: Symptoms of poisoning may occur after several hours; therefore medical observation for at least 48 hours after the accident.

Skin exposure: Immediately wash the affected area with soap and water for at least 15 minutes. If symptoms persist seek medical advice.

Eye splashes: If the material is splashed into the eye, wash the affected eye with clean running water for at least 15 minutes. Seek medical advice.

Swallowing (ingestion): If material is accidentally swallowed, do not make patient vomit, seek medical advice. This information should be taken with the patient when seeking medical advice.

Inhalation: Move patient to fresh air. If patient is unconscious, place in the recovery position and seek medical help immediately.



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5. Fire fighting measures

Use carbon dioxide, dry powder or foam extinguishants only. Do not use water.
Fire will produce dense black smoke containing hazardous combustion products.
Wear self-contained breathing apparatus.
May produce toxic fumes.

6. Accidental release measures

Remove all potential sources of ignition.
Spillages should be contained with a non-combustible adsorbent material and collected for disposal in accordance with the local regulations.
Spillages should not be allowed to run to surface waters.
Spillages should not be allowed to enter basements or pits where flammable vapours may collect and form an explosive atmosphere.

7. Handling & storage

Store away from sources of heat or ignition. All chemical preparations should be stored securely where they cannot be interfered with or used by unauthorised persons.

8. Exposure controls & personal protection

UK Maximum Exposure Limits (MEL) or Occupational Exposure Standards (OES) as per HSE Doc. EH40/2002

Xylene	Occupational Exposure Standard	441 mg/m ³	8 hour TWA Sk
Methoxy propyl acetate	Occupational Exposure Limit	274 mg/m ³	8 hour TWA
N-butyl acetate	Occupational Exposure Limit	150 mg/m ³	8 hour TWA

Sk - Can be absorbed through skin

From HSE Doc. EH 40/2002 and manufacturers information.

Exposure controls:

Occupational exposure controls;

Respiratory protection: Provide sufficient ventilation during use to ensure OEL is not reached; if this is not possible organic vapour filter masks should be used (A1 or A2 EN 141) for short periods or an air-fed mask for longer exposure.

Hand protection: Solvent resistant gloves to EN 374-3 or equivalent should be used to protect the hands during use, note – breakthrough time: "only suitable for splash protection". Suitable work-wear or overalls should be used to protect clothing and skin.

Eye protection: Safety goggles or face shield should be used when handling this material to protect from liquid droplets or splashes.

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8. (cont) Exposure controls and personal protection

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In the case of hypersensitivity of the respiratory tract (e.g. asthmatics or chronic bronchitis sufferers) it is inadvisable to work with this product. Respiratory symptoms can occur several hours after overexposure.

Keep away from foodstuffs, drinks and tobacco. Wash hands before breaks and at end of work. Keep working clothes separate. Immediately remove contaminated clothing.

Environmental exposure controls;

No specific environmental legislation applies, but good practice should be followed. The product should not be allowed to spill or run into surface waters.

9. Physical and chemical properties

General information

Appearance: Various colours Odour: xylene

Important health, safety and environmental information

pH:	Not applicable	Boiling point / range	124 deg. C
Flash point	23 deg. C	Flammability	Flammable
Autoflammability	Ignition at 400 deg. C, product is not self-igniting		
Explosive properties	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.		
Explosion limits:	Lower: 1.1 Vol%, Upper:10.4 Vol%		
Oxidising properties	None	Vapour pressure	10.7 kPa
Relative density	Approx. SG 1.163	Solubility	Insoluble
Solvent content (organic)	41%	Solids content	59%

10. Stability and reactivity

Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.

Dangerous reactions: No dangerous reactions known.

Dangerous decomposition products: none known.



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11. Toxicological information

Acute toxicity:

LD/LC50 values relevant for classification:

1330-20-7 Xylene (mix)

Oral LD50 8700mg/kg (rat)

Dermal LD50 2000mg/kg (rbt)

Inhalative LC50/4 h 6350mg/kg (rat)

Primary irritant effect:

Skin – Irritant to skin and mucous membranes.

Eye – No irritating effect.

Sensitization – No sensitizing effects known.

This preparation classified as HARMFUL, IRRITANT.

12. Ecological information

The exact ecological effects of this product are unknown therefore no specific environmental legislation applies, but good practice should be followed. The product should not be allowed to spill or run into surface waters.

13. Disposal considerations

All waste produced by industry or commerce is subject to the Duty Of Care Of Waste Regulations. This product is classified as Special Waste. Any surplus or waste arising from the normal use of this preparation must be disposed of in accordance with the Special Waste regulations.

14. Transport considerations

UN. : 1263
IMDG Code Class. : 3.2
Packing group. : III
ADR. : 3
Proper Shipping Name. : PAINT or PAINT RELATED MATERIAL



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15. Regulatory information

Labels for this preparation must carry a HARMFUL symbol and the following Risk and Safety Phrases:

Contains Xylene	EC No. 215-535-7
R10 -	Flammable liquid
R 20/21-	Harmful by inhalation and in contact with the skin
R38 -	Irritating to skin
S2 -	Keep out of the reach of children
S16-	Keep away from sources of ignition – No smoking.
S23 -	Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer)
S25 -	Avoid contact with eyes.
S60 -	This material and its container to be disposed of as hazardous waste.

An assessment of the risks to health caused by the use of this substance and the other requirements of the Control of Substances Hazardous to Health (COSHH) regulations must be made by any employer or self employed person using this preparation at work, the use of COSHH Essentials is recommended.

16. Other information

Revision comments – amendments have been made to all sections 1 to 16 to comply with CHIP3.

Full text of risk phrases used in section 2;

R10	- Flammable liquid
R20/21	- Harmful by inhalation and in contact with the skin
R36	- Irritating to the eyes
R38	- Irritating to the skin
R66	- Repeated exposure may cause skin dryness or cracking.
R67	- Vapours may cause drowsiness and dizziness

It is recommended that all persons using this product be suitably trained in the use of relevant personnel protective equipment.

No other safety information is applicable to the use of this preparation for its intended purpose.

This data sheet was compiled using information from raw material manufacturers, The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002, the Approved classification and labelling guide (fifth edition) for supply, the Approved Supply List (seventh edition), EH40/2002 and the Approved Carriage List (third edition).