



GRANWAX
Products Limited

MATERIAL SAFETY DATA SHEET

Product name: **Granwax Total Rhino 2K (Resin component)**

Reviewed date: September 2009 reviewed by MC

1. Identification of substance

Substance: **Granwax Total Rhino 2K**
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 components.

<u>Component</u>	<u>EINECS No.</u>	<u>CAS No.</u>	<u>Concentration range</u>	<u>Classification</u>	<u>Risk phrases</u>
Triethylamine	612-004-00-5	121-44-8	Less than 1%	none below 1% 1-5% Xi	R36/37/38
<i>Note – Triethylamine is present in neutralised form and exposure to free amine vapour is not expected</i>					
2-(2-butoxyethoxy)ethanol	603-096-008	112-34-5	Approx. 5%	Xi	R36

From Approved Supply List eighth edition.

3. Hazards identification

This preparation not classified under the CHIP Regulations 2002 as amended.

4. First aid measures

Skin exposure: If soreness or irritation occurs as the result of skin exposure, wash the affected area with clean running 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.

Do not give victim anything to drink if he is unconscious.



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5. Fire fighting measures

Non flammable water based liquid.
Product will produce toxic fumes in a fire if water component boiled off.
Fire fighters to wear self contained breathing apparatus.

6. Accidental release measures

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.

7. Handling & storage

Protect from freezing and temperatures above 40 C.
All chemical preparations should be stored securely where they cannot be interfered with or used by unauthorised persons

8. Exposure controls & personal protection

UK Workplace Exposure Limits (WEL) as per HSE Doc. EH40/2005

Triethylamine	42 mg/m ³	8 hour TWA	17 mg/m ³	15 min. STEL Sk
2-(2-butoxyethoxy)ethanol	no std	8 hour TWA	no std	15 min. STEL Sk

Sk - *Can be absorbed through skin*

From HSE Doc. EH 40/2005 and manufacturers information.

Exposure controls:

Occupational exposure controls:

Respiratory protection: Provide sufficient ventilation during use to ensure WEL is not reached; if this is not possible organic vapour filter masks should be used (A1 or A2 EN 141).

Hand protection: All types of protective gloves are suitable to protect the hands during use, product does not attack rubber, latex nitrile or other similar materials. Suitable work-wear or overalls should be used to protect clothing and skin.

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

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.



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9. Physical and chemical properties

Appearance:	white liquid	Odour:	Organic
pH:	Approx. 8.5	Boiling point / range:	100 C
Melting point / range	Not applicable	Flash point:	Above 100 C
Flammability	Not applicable	Autoflammability:	Not applicable
Explosive properties	Not applicable	Oxidising properties:	none
Vapour pressure	23 mbar at 25 C	Relative density:	SG 1.05
Solubility	Fully water soluble	Partition coefficient:	n-octanol / water - Not determined

10. Stability and reactivity

This preparation is generally stable.

11. Toxicological information

The product is of low general toxicity.

LD50oral(rat) >2000 mg/kg (Based on raw material information)

Reducing the periods of skin exposure to any substance or preparation will reduce the risk of sensitization or other irritation occurring.

12. Ecological information

Aquatic toxicity: Fish toxicity LC50 >: 500mg/kg.

Bacteria toxicity: ECO >: 10000mg/kg

(Based on raw material information)

13. Disposal considerations

Any surplus or waste arising from the normal use of this preparation must be disposed of in accordance with the Hazardous Waste Regulations 2005 and is classified as 07 02 99



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14. Transport information

Not classified as dangerous goods under ADR, IMDG, IATA Regulations.

15. Regulatory information

This preparation is not classified as hazardous under the CHIP regulations 2002 as amended.

No specific labelling requirement.

This substance is classified as a substance hazardous to health within the definition given in Regulation 2 of the COSHH Regulations. An assessment of the risks to health caused by the use of this substance and the other requirements of the COSHH regulations must therefore be made by any employer or self employed person using this preparation at work.

16 Other information

Revision comments – amendments have been made to sections 1, 2, 4, 5, 8, 11, 12, 13, 14, 15 and 16.

Full text of risk phrases used in section 2;

- R36 - Irritating to the eyes
- R37 - Irritating to the respiratory system
- R38 - Irritating to the skin

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 (as amended), the Approved classification and labelling guide (fifth edition) for supply, the Approved Supply List (eighth edition), EH40/2005 and the Approved Carriage List (third edition).