



**GRANWAX**  
Products Limited

# MATERIAL SAFETY DATA SHEET

Product name: **Granguard Aqua II Resin**

Reviewed date: June 2009

Reviewed by MC

## 1. Identification of substance

Substance: **Granguard Aqua II Resin**  
Supplier: Granwax Products Limited  
West Street  
Riddings, Alfreton  
Derbyshire DE55 4EW  
Telephone: 01773 541177 Fax: 01773 541429  
This revision: June 2009

## 2. Composition/Data on components

*Composition and classification of potentially hazardous components.*

<u>Component</u>	<u>Concentration range</u>	<u>Classification</u>	<u>Risk Phrase</u>
Polysiloxane	Less than 1%	Harmful to Aquatic Organisms.	R52/53

Overall product is classed as WKG1 Slightly hazardous to water so very large spills may cause harm to aquatic organisms

2-Butoxyethanol

Less than 5%

Xn,Xi

*Occupational exposure limits:*

2-Butoxyethanol

Occupational Exposure Standard 123mg/m 8 hour TWA

From HSE Doc. EH40/2008

## 3. Hazards identification

Harmful: Avoid inhalation.

Irritant: Avoid contact to eyes and skin

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## 4. First aid measures

**Skin exposure:** If soreness or irritation occurs as the result of skin exposure, wash the affected area with soap or mild detergent and water. Remove contaminated clothing. If symptoms persist seek medical advice. Prolonged or repeated contact may cause short term irritation, de-fatting of the skin and could cause dermatitis.

**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 patient anything to drink.

## 5. Fire fighting measures

Use dry powder, CO2 or foam.

This material is NON FLAMMABLE but fire will produce smoke containing hazardous combustion products if water boiled off.

## 6. Accidental release measures

Spillages should be contained with a non-combustible absorbent material and collected for disposal in accordance with the local regulations. Do not place in sealed containers.

Spillages should not be allowed to run to surface waters.

## 7. Handling & storage

Protect from freezing.

All chemical preparations should be stored securely where they cannot be interfered with or used by unauthorised persons.

## 8. Exposure controls & personal protection

Respiratory protection: provide sufficient ventilation during use; if not possible filter masks should be used (A1 or A2EN41)

Hand protection: wear rubber gloves to EN374-3. Suitable overalls should be worn.

Eye protection: Safety goggles or eye shield should be worn to protect from splashes or droplets.



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## 9. Physical and chemical properties

Appearance:	Clear yellowish Liquid	Odour:	Organic
pH:	Not Applicable	Boiling point / range:	from 140 deg.C
Melting point / range	below 0 deg. C	Flash point:	Not applicable
Flammability	Not Flammable	Autoflammability:	Not applicable
Explosive properties	Not Classified	Oxidising properties:	none
Vapour pressure	Not applicable	Relative density:	Approx. SG 0.98
Solubility	Insoluble	Partition coefficient: n-octanol / water	Not determined

## 10. Stability and reactivity

This preparation is generally stable. Avoid frost. If water boiled off during fire may produce toxic fumes.

## 11. Toxicological information

The product is of low general toxicity.  
This preparation may cause irritation to the eyes, mucous membranes and skin.  
Prolonged contact may cause drying of the skin and dermatitis.  
This preparation is not classed as sensitising.  
None of the components are mutagenic or carcinogenic.  
None of the components have been classed as toxic for reproductivity.

## 12. Ecological information

Class WKG1 Slight water hazard.

## 13. Disposal considerations

This product is classified as Harmful. Any surplus or waste arising from the normal use of this product must be disposed of in accordance with the local waste regulations.

## 14. Transport information

Not classified as dangerous goods under CDGCP2.



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## 15. Regulatory information

This preparation must carry an IRRITANT symbol and the following Risk Phrases or text:

R20/21 harmful by inhalation and in contact with the skin

S2 Keep out of the reach of children

S24/25 Avoid contact with skin and eyes.

## 16. Other information

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