



GRANWAX
Products Limited

MATERIAL SAFETY DATA SHEET

Product name: **360 Fast Set Adhesive**

Reviewed date: December 2012

Reviewed by MC

1. Identification of substance

Substance: **360 Fast Set Adhesive**
Supplier: Granwax Products Limited
West Street
Riddings, Alfreton
Derbyshire DE55 4EW
Telephone: 01773 541177 Fax: 01773 541429
This revision: December 2012

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>
Methyl Acetate CAS 79-20-9 Einics:201-185-2	2.5 -10%	Xi	R11-36-66-67 Danger Flame 2.6/2 Exclamation mark 3.3/2,3.8/3
Acetone CAS 67-64-1 Einics: 200-662-2	2.5 -10%	Xi,F	R11-36-66-67 Danger Flame 2.6/2 Exclamation mark 3.3/2,3.8/3
Ethanol CAS:64-17-5	2.5 – 10%	F	R11 Danger Flame 2.6/2
Diisobutyl phthalate CAS 84-69-5 Einics 201-553-2	2.5 - 10%		

MATERIAL SAFETY DATA SHEET



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3. Hazards identification

Has a narcotizing effect.

R11 Highly Flammable

H225 Highly flammable liquid and vapour

H336 May cause drowsiness or dizziness.

P210 Keep away from heat/spark/open flames/hot surfaces – NO SMOKING

P233 Keep Container tightly closed

P240 Ground/bond container and receiving equipment

P241 Use explosion proof electrical/ventilating/lighting/equipment

P242 Use only non sparking tools

P243 Take precautionary measures against static discharge

P261 Avoid breathing dust/fume/gas/mist/vapours/spray

P271 Use only outdoors or in a well ventilated area

P280 Wear protective gloves/protective clothing/eye protection/face protection

4. First aid measures

P303+P361+P353 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.

P312+P378 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.

CALL FOR MEDICAL ASSISTANCE IF YOU FEEL UNWELL



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5. Fire fighting measures

P370 +P378 Use dry powder , CO2 or foam.

This material is **FLAMMABLE** and will produce smoke containing hazardous combustion products.

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 pits or cellars. PPE must be worn.

7. Handling & storage

P403 + P233 +P235 Store in a cool, well ventilated area away from heat and naked flame , protect from static charges.

Keep container tightly sealed

P501 All chemical preparations should be stored securely where they cannot be interfered with or used by unauthorised persons.

8. Exposure controls & personal protection

79-20-9 methyl Acetate WEL short term 770mg/m³, 250 ppm
Long term 616mg/m³,200 ppm

67-64-1 acetone WEL short term 3620mg/m³, 1500 ppm
Long term 1210mg/m³, 500 ppm

64-17-5 ethanol WEL short term 1920mg/m³, 1000 ppm

84-69-5 diisobutyl phthalate WEL long term 5mg/m³

Personal Protective Equipment

Use respiratory protection at all times. If exposure prolonged wear self contained respiratory protective device.

Use tightly sealed protective goggle.

Wear Butyl Hand protection.

Wear suitable overalls.

Hygiene:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work

Avoid contact with eyes and skin

Do not inhale gases/fumes/vapours



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9. Physical and chemical properties

Appearance:	Fluid	Odour	Solvent
pH:	Not Applicable	Boiling point / range:	55 deg.C
Melting point / range	Undetermined	Flash point:	-19 deg C
Flammability	Flammable	Autoflammability:	Not applicable
Ignition temperature	425 deg C		
Vapour pressure	220 hPA	Relative density:	Approx. 1.56g/cm3
Solubility	fully miscible		
Solvent Content	22%	Solids Content	76.9%

10. Stability and reactivity

Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.
Dangerous Reaction: No dangerous reactions known.
Dangerous decomposition products: No dangerous decomposition products known.

11. Toxicological information

Acute Toxicity:
Primary irritant effect None on either skin or in eyes:
No sensitizing effects known.

12. Ecological information

Class WKG1 Slight water hazard.

13. Disposal considerations

P501 This product is classified as Harmful/Flammable. Any surplus or waste arising from the normal use of this product must be disposed of in accordance with the local special waste regulations.



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14. Transport information

ADR/RID class:	3 Flammable liquids
Danger Code (Kemier)	33
UN Number	1133
Packaging Group	III
Hazard Label	3
Description of goods	1133 Adhesives, special provision 640H
Limited Quantities (LQ)	LQ7
Transport category	3
Tunnel restriction code	D/E

Maritime transport IMDG

IMDG Class	3
UN Number	1133
Packaging Group	III
EMS number	F-E,S-D
Marine pollutant	No
Proper shipping name	ADHESIVES

Air Transport ICAO-TI and IATA-DGR

ICAO/IATI Class	3
UN Number	1133
Hazard Label	3
Packaging Group	III
Proper shipping name	ADHESIVES
UN "Model Regulation"	UN1133, ADHESIVES,3, III

15. Regulatory information

Code Letter and hazard designation: F Highly Flammable

Risk Phrases: R11 Highly flammable, R66 Repeated exposure may cause skin dryness or cracking, R67 Vapours may cause drowsiness and dizziness.

Safety Phrases: 2 keep out of the reach of children, 23 Do not breathe vapours, 24/25 avoid contact with skin and eyes. 29 do not empty into drains, 46 if swallowed seek medical advice immediately and show this container or label. 51 use only in well ventilated areas. 60 This material and its container must be disposed of as hazardous waste.

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16. Other information

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