


	GLASMAT CREAM Code: 2370KGC	
1. IDENTIFICATION OF THE PRODUCT AND COMPANY		
1.1 Product description: GLASMAT CREAM Code: 2370KGC		
1.2 Intended uses: Engraving-matting paste. Only for industrial use.		
1.3 Company: SCREEN INK & SOLVENT SUPPLIES LTD. Unit 3, Rugby Park, Battersea Road, Heaton Mersey, Stockport, SK4 3EB Phone: 0161 442 6555 - Fax: 0161 442 6556 Email: sales@inkandsolvents.co.uk		
1.4 Emergency phone number: 999		
2. COMPOSITION/INFORMATION ON INGREDIENTS		
2.1 Chemical description: Water solution of inorganic acids.		
2.2 Dangerous ingredients: Substances taking part in a percentage higher than the exemption limit:		
10 < 25 % Ammonium bifluoride	EC 215-676-4	Index No. 009-009-00-4
<input type="checkbox"/> T:R25 C:R34	CAS 1341-49-7	ATP12
2,5 < 10 % Sulphuric acid	EC 231-639-5	Index No. 016-020-00-8
<input type="checkbox"/> C:R35	CAS 7664-93-9	ATP12
For more information, see sections 8, 11, 12 and 16.		
3. IDENTIFICATION OF HAZARDS		
3.1 EC classification: T:R25 C:R34		
3.2 Adverse effects: Toxic if swallowed. Corrosive. Causes burns. Causes burns to the skin or eyes by direct contact or to the digestive tract if swallowed.		
4. FIRST AID MEASURES		
In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Never give anything by mouth to an unconscious person.		
4.1 By inhalation: Remove the patient out of the contaminated area into the fresh air. If breathing is irregular or stops, administer artificial respiration. If the person is unconscious, place in appropriate recovery position. Keep the patient warm and at rest until medical attention arrives.		
4.2 By contact with the skin: Remove contaminated clothing. Wash thoroughly the affected area with plenty of cold or lukewarm water and a solution of 5% sodium bicarbonate. Finally, rewash the affected area with soap and water.		
4.3 By contact with eyes: Remove contact lenses. Rinse eyes copiously by irrigation with plenty of clean, fresh water for at least 15 minutes, holding the eyelids apart, until the irritation is reduced. Call a physician immediately.		


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7. HANDLING AND STORAGE		
7.1 Handling precautions: Comply with the health and safety at work laws.		
- General recommendations: Handle with care, avoiding any discharge. Avoid any type of leakage or escape. Keep the container tightly closed.		
- Recommendations for the prevention of fire and explosion risks: Not applicable.		
- Recommendations for the prevention of toxicological risks: Do not eat, drink or smoke while handling. After handling, wash hands with soap and water. For exposure controls and personal protection measures, see section 8.		
7.2 Storage conditions: Prevent unauthorized access. In order to avoid leakages, the containers, after use, should be closed carefully and placed in a vertical position. Due to its corrosive properties, extreme precaution in the selection of materials for pumps, packages and lines should be taken. The floor must be waterproof and corrosion resistant, with a canal system allowing the liquid to be channelled towards a neutralising pit. The electrical equipment must be made of non-corrodible materials.		
- Class of store : According to current legislation.		
- Maximum storage period : 24. months		
- Temperature interval : min: 5. °C, max: 35. °C		
- Conditions to avoid: - Light: If possible, avoid direct contact with sunlight.		
- Incompatible materials: Keep away from water, reducing agents, oxidizing agents, acids, alkalis, metals, halogenated compounds, combustible materials.		
- Type of packaging: According to current legislation.		
7.3 Specific uses: For the use of this product do not exist particular recommendations apart from that already indicated.		


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4.4 By ingestion: If swallowed, seek immediate medical attention. Drink large quantities of water. Do not induce vomiting, due to the risk of perforation. Keep the patient at rest.		
5. FIRE-FIGHTING MEASURES		
5.1 Means of extinction: Extinguishing powder or CO2. Never use water.		
5.2 Specific risks: Not applicable.		
5.3 Fire-proof protective equipment: Depending on magnitude of fire, heat-proof protective clothing may be required, appropriate independent breathing apparatus, gloves, protective glasses or face masks and boots.		
5.4 Other recommendations: Cool with water the tanks, cisterns or containers close to sources of heat or fire. Bear in mind the direction of the wind. Do not allow fire-fighting residue to enter drains, sewers or water courses.		
6. ACCIDENTAL RELEASE MEASURES		
6.1 Personal precautions: Avoid direct contact with this product. For exposure controls and personal protection measures, see section 8.		
6.2 Environmental precautions: Avoid contamination of drains, surface or subterranean water and soil. In the case of large scale spills or when the product contaminates lakes, rivers or sewages, inform the appropriate authorities in accordance with local regulations.		
6.3 Cleaning-up methods: Contain and mop up spills with absorbent materials (sawdust, earth, sand, vermiculite, diatomaceous earth, etc.). Transfer to a suitable container for recovery or elimination. Neutralize with carbonate or sodium bicarbonate. Keep the remains in a closed container. Finally, clean up the area with plenty of water. For subsequent waste disposal, follow the recommendations in section 13.		


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8. EXPOSURE CONTROLS/PERSONAL PROTECTION 98/24/EC		
8.1 Occupational Exposure Limits (TLV)	TLV-TWA TLV-STEL ppm mg/m3 ppm mg/m3	Year
AGCIH 2006	2.5	1996
Ammonium bifluoride	0.20	A4 As F
Sulphuric acid		A2 Mist
2004		
TLV - Threshold Limit Value, TWA - Time Weighted Average, STEL - Short Term Exposure Limit.		
A2 - Suspected carcinogenic in humans.		
A4 - Non classified as carcinogenic in humans.		
8.2 Occupational exposure controls, Directive 89/686/EEC: Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these measures are not sufficient to maintain concentrations of particulates and vapours below the Occupational Exposure Limits, suitable respiratory protection must be worn.		
- Protection of respiratory system:		
- Mask: Mask for gases and vapours (EN141). In order to obtain a suitable protection level, the filter class must be selected depending on the type and concentration of the contaminating agents present, in accordance with the specifications supplied by the filter producers. The respiratory equipment with filters does not work satisfactorily when the air contains high concentrations of vapour.		
- Protection of eyes and face: Install emergency eye baths close to the working area.		
- Goggles: Safety goggles for chemicals, with suitable lateral protection (EN166).		
- Face shield: No.		
- Protection of hands and skin: Install emergency showers close to the working area. Barrier creams may help to protect the exposed areas of the skin.		
- Gloves: Neoprene rubber gloves (EN374). The breakthrough time of the selected glove material should be superior to the pretended period of use. The gloves should be immediately replaced when any sign of degradation is noted.		
- Boots: No.		
- Apron: No.		
- Clothing: Yes.		
8.3 Environmental exposure controls: Avoid any spillage in the environment.		




 <p>GLASMAT CREAM Code: 2370KGC</p>	<h3>9. PHYSICAL AND CHEMICAL PROPERTIES</h3> <ul style="list-style-type: none"> - Physical state : Waxy paste. - Colour : Violet. - Odour : Characteristic. - Viscosity : 12000. cps 20°C - Viscosity : 4016. mPa.s 40°C - pH : 0.5 at 20°C - Specific gravity : 1.024 g/cc at 20°C - Solids : 59.3 % Weight 3 h. 105°C - Solubility in water : Miscible - Flash point : Not flammable - Boiling point : > 100. °C at 760 mmHg - Decomposition temperature : 180. °C - Vapour pressure : 17.5 mmHg at 20°C <p>For additional information concerning physical and chemical properties related to safety and environment, see sections 7 and 12.</p>				
<h3>10. STABILITY AND REACTIVITY</h3> <p>10.1 Conditions to avoid: Stable under recommended storage and handling conditions.</p> <p>10.2 Materials to avoid: The product attacks glass and other materials which contain silicates.</p> <p>10.3 Thermal decomposition: No product of decomposition is dangerous if stored and handled properly.</p>					
<h3>11. TOXICOLOGICAL INFORMATION</h3> <p>No experimental toxicological data on the preparation is available.</p> <p>11.1 Toxicological effects: Irritating to skin. Skin contact can cause allergic reactions. Irritating to eyes. Some symptoms may not be immediate.</p> <p>11.2 Dose and lethal concentrations for individual ingredients :</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">Sulphuric acid</td> <td style="width:30%;">DL50 Oral mg/kg 2140. Rat</td> <td style="width:30%;">DL50 Cutaneous mg/kg</td> <td style="width:10%;">CL50 Inhalation mg/m3.4hours</td> </tr> </table> <p>For more information, see sections 2 and 8.</p>		Sulphuric acid	DL50 Oral mg/kg 2140. Rat	DL50 Cutaneous mg/kg	CL50 Inhalation mg/m3.4hours
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 <p>GLASMAT CREAM Code: 2370KGC</p>	<h3>12. ECOLOGICAL INFORMATION</h3> <p>No experimental ecotoxicological data on the preparation as such is available.</p> <p>12.1 Spills on the soil: Prevent contamination of soil.</p> <p>12.2 Spills in water: Because of its acidity, it is harmful to aquatic organisms. Do not allow to escape into drains, sewers or water courses.</p> <p>12.3 Emissions to the atmosphere: Not applicable.</p> <p>12.4 Ecotoxicological data for individual ingredients :</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">Ammonium bifluoride</td> <td style="width:20%;">CL50 mg/l.96hours 40. Fishes</td> <td style="width:20%;">CE50 mg/l.48hours</td> <td style="width:30%;">CE50 mg/l.72hours 8.0 Algae</td> </tr> </table>	Ammonium bifluoride	CL50 mg/l.96hours 40. Fishes	CE50 mg/l.48hours	CE50 mg/l.72hours 8.0 Algae
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<h3>13. CONSIDERATIONS FOR DISPOSAL</h3> <p>13.1 Handling of waste, Directive 75/442/EEC~91/156/EC: Take all necessary measures to prevent the production of waste whenever possible. Analyse possible methods for reevaluation or recycling. Do not discharge into drains or the environment, dispose of at an authorised waste collection point. Waste should be handled and disposed of in accordance with current local and national regulations. For exposure controls and personal protection measures, see section 8.</p> <p>13.2 Disposal of empty containers, Directive 94/62/EC: Emptied containers and packaging should be disposed of in accordance with currently local and national regulations.</p> <p>13.3 Procedures for neutralising or destroying the product: Authorised landfill in accordance with local regulations.</p>					

 <p>GLASMAT CREAM Code: 2370KGC</p>	<h3>14. TRANSPORT INFORMATION</h3> <p>TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S. (contains ammonium bifluoride)</p> <p>14.1 Transport by road, Directive 94/55/EC (ADR 2007): Transport by rail, Directive 96/49/EC (RID 2007):</p> <p>Class: 6.1 Packaging group: II UN no. 3290</p> <p>Transport document: Consignment paper. Written instructions: 68-TC4-3290-EN</p> <p>14.2 Transport by sea (IMDG 33-06):</p> <p>Class: 6.1 Packaging group: II UN no. 3290 Emergency Sheet (EmS): F-A, S-B First Aid Guide (MFAG): * Marine pollutant: No.</p> <p>Transport document: Shipping Bill of lading.</p> <p>14.3 Transport by air (ICAO/IATA 2007):</p> <p>Class: 6.1 Packaging group: II UN no. 3290</p> <p>Transport document: Air Bill of lading.</p>
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<h3>15. INFORMATION ON REGULATIONS</h3> <p>15.1 EC Labelling: C , T</p> <div style="display: flex; align-items: center;">  <div> <p>This product is labelled as CORROSIVE and TOXIC in accordance with Directive RD.363/1995 (67/548/CEE) and 1999/45/EC~2001/60/EC</p> </div> </div>	
R25	Toxic if swallowed.
R34	Causes burns.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39	Wear suitable protective clothing, gloves and protection for eyes, face.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S51	Use only in well-ventilated areas.
P94	Empty containers should be disposed of in accordance with the requirements of national regulations.
- Dangerous ingredients: Ammonium bifluoride Sulphuric acid	
15.2 Restrictions to the marketing and use in accordance with Directive 76/769/EEC: Not applicable.	
15.3 Other EC regulations: Not applicable	

 <p>GLASMAT CREAM Code: 2370KGC</p>	<p>15.4 Other regulations: Not available</p> <p>16. OTHER INFORMATION</p> <p>Text of R-phrases listed in section 2: R25 Toxic if swallowed. R34 Causes burns. R35 Causes severe burns.</p> <p>Material Safety Data Sheet regulations: Material Safety Data Sheet in accordance with Directive 91/155/EEC~2001/58/EC.</p> <p>History: Version: 8 Revision date: 31/05/2007 Date of issue: 20/11/2007</p>
<p>The information of this Material Safety Data Sheet, is based on the present state of knowledge and on current UE and national laws, as the users' working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified, without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this Material Safety Data Sheet is meant as a description of the safety requirements of the product and it is not to be considered as a guarantee of the product's properties.</p>	