SAFETY DATA SHEET
GUN GUM PASTE

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

PRODUCT NAME: GUN GUM PASTE
PART No.: GG2R
IN-HOUSE No.: 87EK
SUPPLIER: Holt Lloyd
Oakhurst Drive
Cheadle
Manchester
Tel: +44 (0)161 491 7391
Fax: +44 (0)161 491 7399

EMERGENCY TELEPHONES:
FR - ORFILA Tél: 01.45.42.59.59
B - Centre Antipoisons Tél: 070/245.245
UK - Out of office hours Tel: 020 7358 9167

2. COMPOSITION/INFORMATION ON INGREDIENTS:

<table>
<thead>
<tr>
<th>NAME</th>
<th>EINECS Nr.:</th>
<th>CAS No.:</th>
<th>CLASSIFICATION</th>
<th>CONTENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>SODIUM SILICATE</td>
<td></td>
<td>1344-09-8</td>
<td>Xi R-38, 41, 36/38</td>
<td>10-30%</td>
</tr>
</tbody>
</table>

The Full Text for all R-Phrases are Displayed in Section 16

3. HAZARDS IDENTIFICATION:

Risk of serious damage to eyes.

4. FIRST AID MEASURES:

INHALATION: No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

INGESTION: DO NOT induce vomiting. Get medical attention immediately. Rinse mouth thoroughly. Get medical attention immediately!

SKIN: Rinse the skin immediately with lots of water. Get medical attention if any discomfort continues.

EYES: Make sure to remove any contact lenses from the eyes before rinsing. Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and get medical attention.
5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA: This material is not flammable. Use extinguishing media appropriate for surrounding fire.

6. ACCIDENTAL RELEASE MEASURES:

SPILL CLEANUP METHODS: Do not contaminate water sources or sewer. Collect for reclamation or absorb in vermiculite, dry sand or similar material.

7. HANDLING AND STORAGE:

USAGE PRECAUTIONS: Avoid spilling, skin and eye contact.
STORAGE PRECAUTIONS: Store above freezing.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

PROTECTIVE EQUIPMENT:

VENTILATION: No specific ventilation requirements noted, but forced ventilation may still be required if air contamination exceeds acceptable level.
RESPIRATORS: No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.
PROTECTIVE GLOVES: For prolonged or repeated skin contact use suitable protective gloves. Blue Nitrile, powder-free. Category 3.
EYE PROTECTION: Wear approved safety goggles.
HYGIENIC WORK PRACTICES: Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate hand lotion to prevent defatting and cracking of skin.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Paste or slurry. Fibrous.
COLOUR: Grey.
ODOUR/TASTE: No characteristic odour.
pH-VALUE, CONC. SOLUTION: 11.5

10. STABILITY AND REACTIVITY:
10814 - GUN GUM PASTE

11. TOXICOLOGICAL INFORMATION:

INHALATION: No specific health warnings noted.

INGESTION: May cause severe internal injury.

SKIN: Prolonged or repeated exposure may cause severe irritation.

EYES: Risk of serious damage to eye.

12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION: Not regarded as dangerous for the environment.

MOBILITY: Sodium silicate: Soluble in water

BIO ACCUMULATION: Soluble silicates, upon dilution, rapidly depolymerise into molecular species indistinguishable from natural dissolved silica.

ACUTE FISH TOXICITY: The alklinity of Sodium Silicate will have a local effect on ecosystems sensitive to changes in pH.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS: Dispose of in accordance with Local Authority requirements.

14. TRANSPORT INFORMATION:

GENERAL: Not hazardous goods

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY:

![Irritant Symbol]

RISK PHRASES: R-41 Risk of serious damage to eyes.

SAFETY PHRASES: S-2 Keep out of reach of children. 
S-25 Avoid contact with eyes. 
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 
S-39 Wear eye/face protection.
16. OTHER INFORMATION:

<table>
<thead>
<tr>
<th>INFORMATION SOURCES:</th>
<th>Croner’s Substances hazardous to the Environment</th>
</tr>
</thead>
<tbody>
<tr>
<td>REVISION COMMENTS:</td>
<td>Change in section : 8 : 12</td>
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<tr>
<td>ISSUED BY:</td>
<td>Colin Sawmy</td>
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<tr>
<td>REV. No./REPL. SDS GENERATED:</td>
<td>2/5-6-02</td>
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<td>SAFETY DATA SHEET STATUS:</td>
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<tr>
<td>DATE:</td>
<td>24/01/03</td>
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<tr>
<td>DISCLAIMER:</td>
<td>Any risk phrases shown in this section refer to the ingredients in Section 2: NOT to the preparation.</td>
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<tr>
<td>PRINTING DATE:</td>
<td>2003-03-12</td>
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<tr>
<td>R-PHRASES (Full Text):</td>
<td>R-38 Irritating to skin. R-41 Risk of serious damage to eyes. R-36/38 Irritating to eyes and skin. Not classified.</td>
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