1. IDENTIFICATION

GHS Product Identifier
ROCOL BAKERS MATE

Company Name
ITW POLYMERS & FLUIDS (ABN 63 004 235 063)

Address
100 Hassall Street Wetherill Park
NSW AUSTRALIA

Telephone/Fax Number
Tel: 1800 063 511; +61 2 9757 8800
Fax: 1800 803 596; +61 2 9757 3855

Emergency phone number
1800 385 556 / 0438 465 960

E-mail Address
info@itwpf.com.au

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture
Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition, information on ingredients
Graphite 10-35 wt%
Inorganic clay thickener < 5 wt%
Organic binding agents < 5 wt%
Water < 50 wt%

Ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS</th>
<th>Proportion</th>
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<tbody>
<tr>
<td>Graphite</td>
<td>7782-42-5</td>
<td>&gt;0-&lt;20 %</td>
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4. FIRST-AID MEASURES

**Inhalation**
If fumes or combustion products are inhaled remove from contaminated area.
Lay patient down. Keep warm and rested.
Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.
Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.
Transport to hospital, or doctor.

**Ingestion**
If swallowed do NOT induce vomiting.
If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
Observe the patient carefully.
Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.
Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.
Seek medical advice.

**Skin**
If skin or hair contact occurs:
Flush skin and hair with running water (and soap if available).
Seek medical attention in event of irritation.

**Eye contact**
If this product comes in contact with the eyes:
Wash out immediately with fresh running water.
Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
Seek medical attention without delay; if pain persists or recurs seek medical attention.
Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

**Most important symptoms/effects, acute and delayed**
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

**Fire Fighting Measures**
Alert Fire Brigade and tell them location and nature of hazard.
Wear breathing apparatus plus protective gloves in the event of a fire.
Prevent, by any means available, spillage from entering drains or water courses.
Use fire fighting procedures suitable for surrounding area. Ignition may result

**Suitable Extinguishing Media**
There is no restriction on the type of extinguisher which may be used.

**Hazards from Combustion Products**
Non combustible
Heating may cause expansion or decomposition leading to violent rupture of containers

**Hazchem Code**
Not Applicable.

**Other Information**
Avoid contamination with strong oxidising agents as ignition may result
6. ACCIDENTAL RELEASE MEASURES

Clean-up Methods - Small Spillages
Clean up all spills immediately.
Avoid breathing vapours and contact with skin and eyes.
Control personal contact with the substance, by using protective equipment.
Contain and absorb spill with sand, earth, inert material or vermiculite.

Clean-up Methods - Large Spillages
Minor hazard.
Clear area of personnel.
Alert Fire Brigade and tell them location and nature of hazard.
Control personal contact with the substance, by using protective equipment as required.

Other Information
Personal Protective Equipment advice is contained in Section 8 of the SDS.

7. HANDLING AND STORAGE

Precautions for Safe Handling
Limit all unnecessary personal contact.
Wear protective clothing when risk of exposure occurs.
Use in a well-ventilated area.
When handling DO NOT eat, drink or smoke.

Conditions for safe storage, including any incompatibilities
Lined metal can, lined metal pail/ can.
Plastic pail.
Polyliner drum.
Packing as recommended by manufacturer.

Avoid storage with oxidisers

Other Information
Store above 0 deg.C.
Store in original containers.
Keep containers securely sealed.
Store in a cool, dry, well ventilated area.
DO NOT allow to freeze.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values
Source: Australia Exposure Standards
Ingredient: graphite
Material name: Graphite (all forms except fibres) (respirable dust) (natural & synthetic)
TWA: 3 mg/m3

Other Exposure Information
EMERGENCY LIMITS
Ingredient: Graphite
Material name: Graphite; (Mineral carbon)
TEEL-1: 6 mg/m3
TEEL-2: 16 mg/m3
TEEL-3: 95 mg/m3

Original IDLH:
1250 mg/m3

Appropriate Engineering Controls
Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.

The basic types of engineering controls are:

- Process controls which involve changing the way a job activity or process is done to reduce the risk.
- Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment.

**Eye Protection**
Safety glasses with side shields; or as required,
Chemical goggles.
Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience.

**Hand Protection**
Wear chemical protective gloves, e.g. PVC.
Wear safety footwear.

**Personal Protective Equipment**
Gloves; Eye protective goggles; Suitable protective clothings

**Thermal Hazards**
Not Available

**Body Protection**
See Hand and other protections.

**Other Information**
Other protections:
Overalls.
Barrier cream
Eyewash unit.

Respiratory protection
Not Available

**GLOVE SELECTION INDEX**
Glove selection is based on a modified presentation of the: "Forsberg Clothing Performance Index".
The effect(s) of the following substance(s) are taken into account in the computergenerated selection:
Rocol Bakers Mate

Material CPI:
BUTYL C
NATURAL RUBBER C
NEOPRENE C
PVA C
VITON C

* CPI - Chemwatch Performance Index
A: Best Selection
B: Satisfactory; may degrade after 4 hours continuous immersion
C: Poor to Dangerous Choice for other than short term immersion
NOTE: As a series of factors will influence the actual performance of the glove, a final selection must be based on detailed observation.

* Where the glove is to be used on a short term, casual or infrequent basis, factors such as "feel" or convenience (e.g. disposability), may dictate a choice of gloves which might otherwise be unsuitable following long-term or frequent use. A qualified practitioner should be consulted.
9. PHYSICAL AND CHEMICAL PROPERTIES

Form
Liquid

Appearance
Black viscous liquid; mixes with water.

Solubility in Water
Miscible

Physical State
Liquid

10. STABILITY AND REACTIVITY

Reactivity
See section 7

Chemical Stability
Product is considered stable and hazardous polymerisation will not occur.

Conditions to Avoid
See section 7

Incompatible materials
See section 7

Hazardous Decomposition Products
See section 5

Possibility of hazardous reactions
See section 7

11. TOXICOLOGICAL INFORMATION

Ingestion
The material may be mildly discomforting amp;5100 amp;11v amp;51a1 amp;5110 Considered an unlikely route of entry in commercial/industrial environments

Inhalation
Not normally a hazard due to non-volatile nature of product

Skin
The material may be
amp;5023 amp;5040 amp;5300 amp;5421 amp;11c amp;5445

Eye
The liquid is
amp;5023 amp;5040 amp;5200

Chronic Effects
Principal routes of exposure are usually by skin contact and inhalation of dust from dried material.
Long term exposure to high dust concentrations may cause changes in lung function i.e. pneumoconiosis, caused by particles less than 0.5 micron penetrating and remaining in the lung.
|Graphite workers have reported symptoms of headaches, coughing, depression, low appetite, dyspnoea (difficult breathing) and black sputum.

Other Information
GRAPHITE
TOXICITY: Inhalation (rat) LC50: >2 mg/l4 h[1]
Oral (rat) LD50: >2000 mg/kg[2]
IRRITATION: Not Available

Legend: 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances

WATER:
No significant acute toxicological data identified in literature search.

12. ECOLOGICAL INFORMATION

Persistence and degradability
Ingredient: Water

Persistence-Low Water/Soil: Low

Persistence-Air: Low

Mobility
Water: LOW (KOC = 14.3)

Bioaccumulative Potential
Water: LOW (LogKOW = -1.38)

13. DISPOSAL CONSIDERATIONS

Other Information
Waste treatment methods
Product / Packaging disposal: Separate solids and burn or bury. | Discharge water to sewer.

14. TRANSPORT INFORMATION

Transport Information
Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
Transport in bulk according to Annex II of MARPOL and the IBC code

U.N. Number
None Allocated

UN proper shipping name
None Allocated

Transport hazard class(es)
None Allocated

Hazchem Code
Not Applicable.

Marine Pollutant
No

15. REGULATORY INFORMATION

Regulatory information
GRAPHITE(7782-42-5) IS FOUND ON THE FOLLOWING REGULATORY LISTS
Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)
WATER(7732-18-5) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS)

National Inventory Status
Australia - AICS Y
Canada - DSL Y
Canada - NDSL N (graphite; water)
China - IECSC Y
Europe - EINEC / ELINCS / NLP Y
Japan - ENCS N (graphite)
Korea - KECI Y
New Zealand - NZIoC Y
Philippines - PICCS Y
USA - TSCA Y

Legend:
Y = All ingredients are on the inventory
N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing (see specific ingredients in brackets)

Poisons Schedule
N/A

16. OTHER INFORMATION