SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name: CRC INDUSTRIES (AUST) PTY LIMITED
Address: 9 Gladstone Road, Castle Hill, NSW, AUSTRALIA, 2154
Telephone: (02) 9634 2088
Fax: (02) 9680 4914
Emergency: (02) 9634 2088
Email: info@crcind.com.au

Synonym(s): 3203 - PRODUCT CODE

Use(s): CORROSION INHIBITOR • STEEL SURFACE TREATMENT
SDS Date: 18 Oct 2010

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

RISK PHRASES
R38 Irritating to skin.
R67 Vapours may cause drowsiness and dizziness.

SAFETY PHRASES
S23 Do not breathe gas/fumes/vapour/spray (where applicable).
S24 Avoid contact with skin.
S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

UN No. 1950 DG Class 2.1 Subsidiary Risk(s) None Allocated
Packing Group None Allocated Hazchem Code 2Y

3. COMPOSITION/ INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Formula</th>
<th>CAS No.</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHITE SPIRIT</td>
<td>Not Available</td>
<td>8052-41-3</td>
<td>30-60%</td>
</tr>
<tr>
<td>LIQUEFIED PETROLEUM GAS (LPG)</td>
<td>C3H8/C3H6/C4H10</td>
<td>68476-85-7</td>
<td>10-30%</td>
</tr>
<tr>
<td>MINERAL OIL - HIGHLY REFINED (HEAVY PARAFFINIC)</td>
<td>Not Available</td>
<td>64741-88-4</td>
<td>20-30%</td>
</tr>
<tr>
<td>DISTILLATES (PETROLEUM), HYDROTREATED LIGHT</td>
<td>Not Available</td>
<td>64742-47-8</td>
<td>10-20%</td>
</tr>
<tr>
<td>CALCIUM SULPHATE</td>
<td>Not Available</td>
<td>Not Available</td>
<td>2-10%</td>
</tr>
</tbody>
</table>
**ANTI CORROSION HEAVY WAX FILM**

4. FIRST AID MEASURES

**Eye**  
If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

**Inhalation**  
If inhaled, remove from contaminated area. To protect rescuer, use a Type A (Organic vapour) respirator or an Air-line respirator (in poorly ventilated areas). Apply artificial respiration if not breathing.

**Skin**  
If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

**Ingestion**  
For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting. Ingestion is considered unlikely due to product form.

**Advice to Doctor**  
Treat symptomatically.

5. FIRE FIGHTING MEASURES

**Flammability**  
Flammable - potentially explosive vapour. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition. Aerosol may explode at temperatures exceeding 50°C. Eliminate all ignition sources, including cigarettes, open flames, spark producing switches/tools, heaters, naked lights, pilot lights etc. when handling.

**Fire and Explosion**  
Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

**Extinguishing**  
Dry agent, carbon dioxide or foam. Prevent contamination of drains or waterways.

**Hazchem Code**  
2Y

6. ACCIDENTAL RELEASE MEASURES

**Spillage**  
If cans/containers are punctured (bulk), use personal protective equipment. Clear area of all unprotected personnel. Ventilate area where possible. Collect and allow to discharge outdoors. Contain spillage, then cover / absorb spill with non-combustible absorbant material (vermiculite, sand, or similar), collect and place in suitable containers for disposal.

7. STORAGE AND HANDLING

**Storage**  
Store in a cool, dry, well ventilated area, removed from oxidising agents, acids, alkalis, heat or ignition sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.

**Handling**  
Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Reference</th>
<th>TWA</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral Oil Mist</td>
<td>SWA (AUS)</td>
<td>5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Liquefied petroleum gas (LPG)</td>
<td>SWA (AUS)</td>
<td>1000 ppm</td>
<td>1800 mg/m³</td>
</tr>
<tr>
<td>Mineral Oil Mist</td>
<td>SWA (AUS)</td>
<td>5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>White spirits</td>
<td>SWA (AUS)</td>
<td>790 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

**Exposure Stds**

**Biological Limits**  
No biological limit allocated.

**Engineering Controls**  
Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical explosion proof extraction ventilation is recommended. Flammable vapours may accumulate in poorly ventilated areas. Vapours are heavier than air and may travel some distance to an ignition source and flash back. Maintain vapour levels below the recommended exposure standard.

**PPE**  
Wear splash-proof goggles and neoprene or nitrile gloves. When using large quantities or where heavy contamination is likely, wear: coveralls. Where an inhalation risk exists, wear: a Type A-Class P1 (Organic gases/vapours and Particulate) respirator.
9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>VISCOUS OPAQUE LIQUID (AEROSOL DISPENSED)</td>
</tr>
<tr>
<td>Odour</td>
<td>MILD ODOUR</td>
</tr>
<tr>
<td>pH</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Vapour Density</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Melting Point</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Solubility (water)</td>
<td>INSOLUBLE</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>% Volatiles</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Flash Point</td>
<td>26°C</td>
</tr>
<tr>
<td>Upper Explosion Limit</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Lower Explosion Limit</td>
<td>NOT AVAILABLE</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

- Chemical Stability: Stable under recommended conditions of storage.
- Conditions to Avoid: Avoid heat, sparks, open flames and other ignition sources.
- Material to Avoid: Incompatible with oxidising agents (eg. hypochlorites), acids (eg. nitric acid), alkalis (eg. hydroxides), heat and ignition sources.
- Hazardous Decomposition Products: May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.
- Hazardous Reactions: Hazardous polymerization is not expected to occur.

11. TOXICOLOGICAL INFORMATION

- Health Hazard Summary: Low to moderate toxicity - irritant. This product may only have the potential to cause adverse health effects if intentionally misused (eg. deliberately inhaling contents). Over exposure may result in central nervous system (CNS) effects. Use safe work practices to avoid eye or skin contact and vapour generation - inhalation.
- Eye: Irritant. Contact may result in irritation, lacrimation, pain and redness.
- Inhalation: Irritant. Over exposure may result in irritation of the nose and throat, coughing and headache. High level exposure may result in nausea, dizziness and drowsiness.
- Skin: Irritant. Contact may result in drying and defatting of the skin, rash and dermatitis.
- Ingestion: Low to moderate toxicity. Ingestion may result in nausea, vomiting, abdominal pain and drowsiness with large quantities. Aspiration may result in chemical pneumonitis and pulmonary oedema. Ingestion is considered unlikely due to product form.
- Toxicity Data: WHITE SPIRIT (8052-41-3)
  - LC50 (Inhalation): 10 g/m3/2.5 hours (cat)
  - LD50 (Ingestion): > 5000 mg/kg (rat)
  - TCLo (Inhalation): 600 mg/m3/8 hours (human)

12. ECOLOGICAL INFORMATION

- Environment: Aliphatic hydrocarbons behave differently in the environment depending on their size. WATER: Light aliphatics volatilise rapidly from water (half life - few hours). Bioconcentration should not be significant. SOIL: Light aliphatics biodegrade quickly in soil and water, heavy aliphatics biodegrade very slowly. ATMOSPHERE: Vapour-phase aliphatics will degrade by reaction with hydroxyl radicals.

13. DISPOSAL CONSIDERATIONS

- Waste Disposal: For small amounts absorb contents with sand or similar and dispose of to an approved landfill site. Do not puncture or incinerate aerosol cans. Contact the manufacturer for additional information.
- Legislation: Dispose of in accordance with relevant local legislation.
ANTI CORROSION HEAVY WAX FILM

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<table>
<thead>
<tr>
<th>Shipping Name</th>
<th>AEROSOLS</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN No.</td>
<td>1950</td>
</tr>
<tr>
<td>Packing Group</td>
<td>None Allocated</td>
</tr>
<tr>
<td>DG Class</td>
<td>2.1</td>
</tr>
<tr>
<td>Subsidiary Risk(s)</td>
<td>None Allocated</td>
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<tr>
<td>Hazchem Code</td>
<td>2Y</td>
</tr>
<tr>
<td>GTEPG</td>
<td>2D1</td>
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<tr>
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<tbody>
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<td>DG Class</td>
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<td>Subsidiary Risk(s)</td>
</tr>
</tbody>
</table>

15. REGULATORY INFORMATION

Poison Schedule: Classified as a Schedule 5 (S5) Poison using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

AICS: All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

EXPOSURE STANDARDS - TIME WEIGHTED AVERAGES: Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).

AEROSOL CANS may explode at temperatures approaching 50°C.

WORK PRACTICES - SOLVENTS: Organic solvents may present both a health and flammability hazard. It is recommended that engineering controls should be adopted to reduce exposure where practicable (for example, if using indoors, ensure explosion proof extraction ventilation is available). Flammable or combustible liquids with explosive limits have the potential for ignition from static discharge. Refer to AS 1020 (The control of undesirable static electricity) and AS 1940 (The storage and handling of flammable and combustible liquids) for control procedures.

ABBREVIATIONS:
- ACGIH - American Conference of Industrial Hygienists.
- ADG - Australian Dangerous Goods.
- BEI - Biological Exposure Indice(s).
- CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.
- CNS - Central Nervous System.
- EC No - European Community Number.
- HSNO - Hazardous Substances and New Organisms.
- IARC - International Agency for Research on Cancer.
- mg/m3 - Milligrams per Cubic Metre.
- NOS - Not Otherwise Specified.
- pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
- ppm - Parts Per Million.
- RTECS - Registry of Toxic Effects of Chemical Substances.
- STEL - Short Term Exposure Limit.
- SWA - Safe Work Australia.
- TWA - Time Weighted Average.

HEALTH EFFECTS FROM EXPOSURE:
ANTI CORROSION HEAVY WAX FILM

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:
The recommendation for protective equipment contained within this Chem Alert report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

Report Status
This document has been compiled by RMT on behalf of the manufacturer of the product and serves as the manufacturer's Safety Data Sheet ('SDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer.

While RMT has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

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End of Report