



# MATERIAL SAFETY DATA SHEET

PRODUCT NAME **CRC 5080 DE-SQUEAK**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Supplier Name** CRC INDUSTRIES (AUST) PTY LIMITED  
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**Email** info@crcind.com.au  
**Web Site** http://www.crcind.com.au/  
**Synonym(s)** 5080 - PRODUCT CODE  
**Use(s)** INDUSTRIAL APPLICATIONS  
**MSDS Date** 30 March 2006

## 2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

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

<b>UN No.</b>	1950	<b>DG Class</b>	2.1	<b>Subsidiary Risk(s)</b>	None Allocated
<b>Pkg Group</b>	None Allocated	<b>Hazchem Code</b>	2Y	<b>EPG</b>	2D1

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Formula	CAS No.	Content
LIQUEFIED PETROLEUM GAS (LPG)	C3H8/C3H6/C4H10	68476-85-7	>60%
SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC	Not Available	64742-88-7	5-15%
PETROLEUM RESIDUAL OILS - SOLVENT DEWAXED	Not Available	64742-62-7	<5%
SILICA, AMORPHOUS	Si-O2	7631-86-9	<5%

## 4. FIRST AID MEASURES

**Eye** If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poison Information Centre or 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 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.

**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

**First Aid Facilities** Eye wash facilities and safety shower are recommended.

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## 5. FIRE FIGHTING MEASURES

<b>Flammability</b>	Highly flammable aerosol. May evolve toxic gases (eg: carbon oxides, hydrocarbons) when heated to decomposition. Vapours may form explosive mixtures in air. Eliminate all ignition sources, including cigarettes, open flames, spark producing switches/tools, heaters, pilot lights, electrical equipment etc. Aerosol cans may explode at temperatures above 50°C.
<b>Fire and Explosion</b>	Highly flammable - explosive vapour. Evacuate area & contact emergency services. Toxic gases (carbon oxides, hydrocarbons) may be evolved when heated. Remain upwind and notify those downwind of hazard. Wear full protective equipment (see spill above) including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.
<b>Extinguishing</b>	Dry agent, carbon dioxide or foam. Prevent contamination of drains or waterways.
<b>Hazchem Code</b>	2Y

## 6. ACCIDENTAL RELEASE MEASURES

<b>Spillage</b>	If can is punctured, clear area of all unprotected personnel and ventilate area (if in confined area). Wearing splash-proof goggles, PVC/rubber gloves and coveralls, collect and allow to discharge outdoors. If discharge occurs in confined or poorly ventilated area, a Type A-Class P1 (Organic vapour and Particulate) respirator is required. Absorb residues with sand or similar and place in clean containers for disposal.
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## 7. STORAGE AND HANDLING

<b>Storage</b>	Store in cool, dry, well ventilated area, removed from oxidising agents, acids, alkalis, direct sunlight, heat or ignition sources, foodstuffs, out of direct sunlight and out of the reach of children. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills. Large storage areas should have appropriate fire protection.
<b>Handling</b>	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

Exposure Stds	Ingredient	Reference	TWA		STEL	
			ppm	mg/m3	ppm	mg/m3
	Fumed silica (respirable dust)	NOHSC (AUS)	--	2.0	--	--
	LIQUEFIED PETROLEUM GAS (LPG)	NOHSC (AUS)	1000.0	1800.0	1000.0	1800.0
	Mineral Oil Mist	NOHSC (AUS)	--	5.0	--	--

**Biological Limits** No biological limit allocated.

**Engineering Controls** Do not inhale vapours. Use in well ventilated areas. In poorly ventilated areas, mechanical explosion proof extraction ventilation is recommended. Flammable/explosive vapours may accumulate in poorly ventilated areas. Vapours are heavier than air and may travel some distance to an ignition source and flash back.

**PPE** Wear splash-proof goggles, rubber or PVC gloves and safety glasses. When using large quantities or where heavy contamination is likely, wear coveralls.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	GREY PASTE	<b>Solubility (water)</b>	INSOLUBLE
<b>Odour</b>	SLIGHT PETROLEUM ODOUR	<b>Specific Gravity</b>	0.6218
<b>pH</b>	NOT AVAILABLE	<b>% Volatiles</b>	83.75 %
<b>Vapour Pressure</b>	NOT AVAILABLE	<b>Flammability</b>	HIGHLY FLAMMABLE
<b>Vapour Density</b>	NOT AVAILABLE	<b>Flash Point</b>	-20°C

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<b>Boiling Point</b>	NOT AVAILABLE	<b>Upper Explosion Limit</b>	9.5 %
<b>Melting Point</b>	NOT AVAILABLE	<b>Lower Explosion Limit</b>	1.0 %
<b>Evaporation Rate</b>	> 1 (Ether = 1)	<b>Autoignition Temperature</b>	NOT AVAILABLE

### 10. STABILITY AND REACTIVITY

<b>Material to Avoid</b>	Incompatible with oxidising agents (eg. hypochlorites, peroxides), acids (eg. sulphuric acid), strong alkalis (eg. hydroxides), heat and ignition sources.
<b>Decomposition</b>	May evolve toxic gases (eg: carbon oxides, hydrocarbons) when heated to decomposition.

### 11. TOXICOLOGICAL INFORMATION

<b>Health Hazard Summary</b>	Low toxicity. This product can be fatal if contents are deliberately concentrated and inhaled. Use safe work practices to avoid prolonged eye or skin contact and vapour inhalation at high levels in poorly ventilated areas.
<b>Eye</b>	Low irritant. Contact may result in irritation and lacrimation.
<b>Inhalation</b>	Irritant. Inhalation may cause irritation to the respiratory system, nose and throat irritation, coughing, and headache. Over exposure may result in nausea, dizziness and drowsiness.
<b>Skin</b>	Low irritant. Prolonged or repeated contact may result in mild irritation, rash and dermatitis.
<b>Ingestion</b>	Low toxicity. Ingestion may result in gastrointestinal irritation, nausea and vomiting. However, due to product form ingestion is considered unlikely.
<b>Toxicity Data</b>	SILICA, AMORPHOUS (7631-86-9) LD50 (Ingestion): 3160 mg/kg (rat)

### 12. ECOLOGICAL INFORMATION

<b>Environment</b>	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.
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### 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal</b>	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.
<b>Legislation</b>	Dispose of in accordance with relevant local legislation.

### 14. TRANSPORT INFORMATION



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

<b>Shipping Name</b>	AEROSOLS				
<b>UN No.</b>	1950	<b>DG Class</b>	2.1	<b>Subsidiary Risk(s)</b>	None Allocated
<b>Pkg Group</b>	None Allocated	<b>Hazchem Code</b>	2Y	<b>EPG</b>	2D1

### 15. REGULATORY INFORMATION

<b>Poison Schedule</b>	A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
<b>AICS</b>	All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

### 16. OTHER INFORMATION

<b>Additional Information</b>	AEROSOL CANS may explode at temperatures approaching 50°C. RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid
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exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

**ABBREVIATIONS:**

ADB - Air-Dry Basis.

BEI - Biological Exposure Indice(s)

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

CNS - Central Nervous System.

EINECS - European INventory of Existing Commercial chemical Substances.

IARC - International Agency for Research on Cancer.

M - moles per litre, a unit of concentration.

mg/m<sup>3</sup> - Milligrams per cubic metre.

NOS - Not Otherwise Specified.

NTP - National Toxicology Program.

OSHA - Occupational Safety and Health Administration.

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.

TWA/ES - Time Weighted Average or Exposure Standard.

**HEALTH EFFECTS FROM EXPOSURE:**

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 Material Safety Data Sheet ('MSDS').

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 MSDS, 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 MSDS.

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**End of Report**