

Material Safety Data Sheet

Infosafe No. ACPQ2 Issue Date: February 2004
Product Name: **FREKOTE 700-NC**

ISSUED by LOCTITE

Classified as hazardous according to criteria of NOHSC

COMPANY DETAILS

Company Name

HENKEL AUSTRALIA PTY LTD (ABN 82 001 302 996)

Address

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Tel/Fax

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Other Information

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IDENTIFICATION

Product Name

FREKOTE 700-NC

Proper Shipping Name

RESIN SOLUTION

Other Names	<u>Name</u>	<u>Mancode</u>
	Frekote 700-NC 18.9	83453

Product Name : FREKOTE 700-NC

litre	
Frekote 700-NC 208	83452
litre	
Frekote 700-NC 472ml	83451
Frekote 700-NC 3.78	83454
litre	

UN Number

1866

DG Class

3

Packing Group

III

Hazchem Code

3 [Y]

Poisons Schedule

S5

Other Information

This product contains a chemical which is being introduced under a Low Volume Permit granted under section 21U(2) of the Industrial Chemicals (Notification and Assessment) Act 1989.

Physical Data

Appearance

Colourless liquid, mild odour.

Melting Point

Not available

Boiling Point

113 C

Vapour Pressure

Not available

Specific Gravity

0.76

Flash Point

31 C (TCC)

Flamm. Limit LEL

Not available

Flamm. Limit UEL

Not available

Solubility in Water

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Slightly soluble

Other Properties

Evaporation Rate

0.3 (Ether = 1)

Vapour Density

4.49 (Air=1)

Stability

Stable.

Haz.

Polymerization

Will not occur.

Materials to Avoid

Strong oxidizing agents.

Ingredients

Ingredients	Name	CAS	Proportion
	Hydrotreated Heavy Naphtha	64742-48-9	60-100 %
	Dibutyl Ether	142-96-1	10-30 %
	Proprietary Resin Compound		0-10 %
	Octane	111-65-9	1-5 %

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed

Ingestion may irritate the gastric tract causing nausea and vomiting.

Acute - Eye

Eye contact will cause irritation.

Acute - Skin

Skin contact will cause irritation.

Acute - Inhaled

Inhalation of product vapours will irritate the respiratory system.

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Chronic

Prolonged or repeated skin contact will cause defatting leading to dermatitis. Prolonged inhalation will cause central nervous system depression with symptoms including dizziness, drowsiness, nausea and headaches.

First Aid**Swallowed**

DO NOT INDUCE VOMITING. Wash out mouth with water and give plenty of water to drink. Seek immediate medical attention.

Eye

If contact with the eye(s) occurs, wash with copious amounts of water for approximately 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention.

Skin

Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.

Inhaled

Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. If symptoms develop seek medical attention.

First Aid**Facilities**

Eye wash and normal washroom facilities.

Advice to Doctor**Advice to Doctor**

Treat symptomatically or consult a Poisons Information Centre.

Other Health Hazard Information**Exposure Methods**

Upon contact with moisture a rapid exothermic reaction occurs liberating the toxic and flammable gas, monomethylamine.

PRECAUTIONS FOR USE

Exposure Limits	Name	mg/m3 (STEL)	ppm (STEL)	mg/m3 (TWA)	ppm (TWA)	TWA Footnote
	Hydrotreated		10		5	(As oil mist)

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Heavy Naphtha					
Proprietary Resin Compound Octane	19	15	7	5	(as monomethylamine gas) 300

Eng. Controls

Ensure sufficient ventilation to keep airborne concentrations below exposure limits. Local exhaust ventilation may be required.

Personal Protection

**Respirator Type
(AS 1716)**

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapour filter should be used. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection

Safety glasses with side shields or goggles should be worn as described in Australian Standard AS/ANZ 1337 - Eye Protectors for Industrial Applications.

Glove Type

Impervious PVC or rubber gloves should be worn.

Clothing

Suitable protective clothing should be worn e.g. cotton overalls buttoned at neck and wrist.

**Work/Hygienic
Practices**

Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

Flammability

Fire Hazards

FLAMMABLE. This product should be stored and used in a well ventilated area away from naked flames, sparks and other sources of ignition. Electrically link and ground metal containers for transfers of the product to prevent accumulation of static electricity. Keep the container tightly closed.

SAFE HANDLING INFORMATION

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Storage and Transport

Storage**Precautions**

Store in a cool, dry, well ventilated area away from sources of ignition. This product should be stored away from foodstuffs and strong oxidising agents. Do not store above 49 C. For information on the design of the store-room reference should be made to Australian Standard AS1940, The storage and handling of flammable and combustible liquids. Reference should also be made to any relevant Commonwealth, State or Territory regulations.

Transport

This material is a Class 3 - Flammable Liquid according to The Australian Code for the Transport of Dangerous Goods by Road and Rail. Class 3 - Flammable Liquids are incompatible in a placard load with any of the following:

- Class 1, Explosives
- Class 2.1, Flammable Gases, if both the Class 3 and Class 2.1 dangerous goods are in bulk
- Class 2.3, Toxic Gases
- Class 4.2 Spontaneously Combustible Substances
- Class 5.1 Oxidising Agents and Class 5.2, Organic Peroxides
- Class 6 Toxic Substances (where the flammable liquid is nitromethane)
- Class 7 Radioactive Substances.

Proper Shipping**Name**

RESIN SOLUTION

EPG Number

3A1

IERG Number

14

Packaging Method

5.9.3RT1, RT7

Spills and Disposal

Spills & Leaks

Remove all sources of ignition. Increase ventilation. Wear appropriate breathing apparatus and full protective clothing to minimise skin and eye exposure. Place inert, non-combustible absorbent such as vermiculite, sand or dirt onto material. Collect the material using clean non-sparking tools and place into a suitable labeled container for subsequent disposal. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

Disposal

Dispose of according to relevant local, state and federal government regulations. Labels should not be removed from containers until they have been cleaned. Do not

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cut, puncture or weld on or near containers. Empty containers may contain hazardous residues. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers.

Fire/Explosion Hazard

Fire/Explos. Hazard

This product is flammable. Vapours are heavier than air and will 'travel' to low-level areas e.g. sumps, drains, etc. and flashback. Precautions should be taken to eliminate the build up of explosive mixtures.

Hazardous Combustion Products

Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

Fire Fighting Procedures

Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

Extinguishing Media

Use foam or dry agent.

Hazchem Code

3 [Y]

OTHER INFORMATION

Toxicology

No toxicology data available for this product.

Environ. Protection

Do not allow product to enter drains, waterways or sewers.

Risk Statement

R10 Flammable

R36/37/38 Irritating to eyes, respiratory system and skin

R65 Harmful: may cause lung damage if swallowed

Safety Statement

S45 In case of accident or if you feel unwell seek medical advice immediately

Hazard Category

Toxic, Irritant

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CONTACT POINT

Contact

Technical Services Manager: Gerard Buys 1300 885 556 / 0411 669 002

...End Of MSDS...