A NEW FORCE IN CHEMICAL MANUFACTURING

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SAFETY DATA SHEET

ISSUED SEPTEMBER 2014 (VALID 5 YEARS FROM DATE OF ISSUE)

R14 DIELECTRIC GREASE

SECTION 1 - IDENTIFICATION OF THE MATERIAL

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PRODUCT NAME	Silicone Dielectric Grease	
PRODUCT TYPE	Grease	
PART NUMBER	CT-R14	
AVAILABLE SIZES	10cc syringe	(CT-R14-S10-PT)
	30cc syringe	(CT-R14-S30-PT)
	50g	(CT-R14-50G)
	500g	(CT-R14-500G)
	1KG	(CT-R14-1KG)
	4KG	(CT-R14-4KG)

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	%	TWA(HSIS)	STEL(HSIS)
Non Hazardous Ingredients		100%	N/A	

SECTION 3 - HAZARDS IDENTIFICATION

Hazard Classification: Not classified as a Hazardous Substance according to the criteria of SafeWork Australia and the ADG Code

Risk Phrases:

Safety Phrases: S2 – Keep out of reach of children

Relevant routes of exposure: Ingestion.

Potential Health Effects

Inhalation: Unlikely to cause adverse effects by inhalation

Skin contact: Unlikely to cause adverse effects through skin contact

Eye contact: Unlikely to cause adverse effects through eye contact

Ingestion: Unlikely to cause adverse effects by swallowing

SECTION 4 - FIRST AID MEASURES

Inhalation:	No measures necessary. Obtain medical advice if symptoms persist
Skin contact:	Wash affected area with soap and water.
Eye contact:	If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. Do not allow victim to rub the eyes. If symptoms develop and persist seek medical attention.
Ingestion:	Do NOT induce vomiting. Wash out mouth with water. If symptoms develop and persist, seek medical attention

SECTION 5 - FIRE FIGHTING MEASURES

Flash point:	>260ºC
Autoignition temperature:	Non Flammable
Flammable/Explosive limits-lower %:	N/A
Flammable/Explosive limits-upper %:	N/A
Extinguishing media:	N/A
Special fire fighting procedures:	N/A
Unusual fire or explosion hazards:	None
Hazardous combustion products:	Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide, oxides of nitrogen, formaldehyde and other substances
Hazchem Code:	N/A

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Risk of slippery surfaces due to spilled product. Allow spilled material to solidify/remove mechanically. Extinguish or remove all sources of ignition and stop leak if safe to do so. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If large spillages of this material enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority
Clean-up methods:	Use appropriate personal protective equipment during clean-up

SECTION 7 - HANDLING AND STORAGE

Handling:	No special handling procedures are required. Wash hands thoroughly after handling
Storage:	Store in a cool, dry well-ventilated area away from heat, oxidising agents and out of direct sunlight
Incompatible products:	Refer to Section 10.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls:	No exposure standards have been established for this material by HSIS. However as with all chemicals, exposure should be kept to the lowest possible levels
Respiratory protection:	Not normally required.

Skin protection: Gloves are recommended as good industrial practise
Eye/face protection: Safety glasses are recommended as good industrial practise.

See Section 2 for exposure limits.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Semi Solid (Paste).
Colour: Colourless, Translucent.
Odour: None.
pH: N/A
Boiling point/range: N/A.
Melting point/range: N/A
Specific gravity: Approx. 1.04 g/cm^3
Vapour density: N/A
Evaporation rate: N/A
Solubility in water: Insoluble.

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable at normal temperatures and conditions.
Hazardous polymerization: Will not occur.
Hazardous decomposition products: In case of incomplete combustion and/or thermal decomposition carbon monoxide, carbon dioxide, several hydrocarbons and soot may be formed
Incompatibility: Strong oxidising agents.
Conditions to avoid: See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

SECTION 11 - TOXICOLOGICAL INFORMATION

Product toxicity data: No information found

SECTION 12 - ECOLOGICAL INFORMATION

Ecological information: The product is not readily biodegradable but inherently biodegradable.

SECTION 13 - DISPOSAL CONSIDERATIONS

Recommended method of disposal: Recycle if possible. Dispose of according to Federal, EPA< State and local government regulations.

SECTION 14 - TRANSPORT INFORMATION

Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (6th Edition).

Domestic (Land):
Proper shipping name: No information found
UN No.:
Hazard class or division:
Packing group:

International Air Transportation (ICAO/IATA):
Proper shipping name: No information found
UN No.:
Hazard class or division:
Packing group:

Domestic (Land):
Proper shipping name: No information found
Hazard class or division:
Identification number:
Packing group:

International Air Transportation (ICAO/IATA):
Proper shipping name: No information found
Hazard class or division:
Identification number:
Packing group:

SECTION 15 - REGULATORY INFORMATION

Poisons Schedule (SUSDP): Not Listed.
ADG Code: No information found
NOHSC: Not Listed.

SECTION 16 – OTHER INFORMATION

Abbreviations/Acronyms:

ACGIH – American Conference of Government Industrial Hygienists.
ADG – Australian Dangerous Goods.
HSIS - Hazardous Substances Information System.
IARC – International Agency for Research on Cancer.
NIOSH – National Institute of Occupational Health and Safety.
NOHSC – National Occupational Health and Safety Commission.
PEL – Permissible Exposure Limit.
STEL – Short Term Exposure Limit.
SUSDP – Standard for the Uniform Scheduling of Drugs and Poisons.
TLV – Threshold Limit Value.
TWA – Time Weighted Average.

DISCLAIMER

The information contained within this MSDS applies only to the Chemtools product to which the sheet relates.

The information provided is based on our best knowledge at the time of issue.

The information contained within this MSDS is believed to be accurate and is given in good faith. However, no warranty is made, either expressed or implied, regarding its accuracy or any liability arising out of the use of the information herein or the product supplied.

When used in other preparations, formulations, or in mixtures, it is necessary to ascertain whether the classifications of the hazards have changed. The attention of the user is drawn to the possibility of creating other hazards when the product is used for purposes other than that for which it was recommended. In such cases, a reassessment may be necessary and should be made by the user.

This safety data sheet should only be used and reproduced in order that the necessary measures are taken relating to the protection of health and safety at work.

It is the responsibility of the handlers to pass on the totality of the information contained within this document to any subsequent person(s) who will come in to contact with, handle or use this product in any way.

They should check the adequacy of the information provided within this MSDS before passing it on to their customers/staff.