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Rainbow Technology Corp.
Tel: 1.800.637.6047 / 205.733.0333
RTC Product #79500

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MATERIAL SAFETY DATA SHEET

PRODUCT: Q-Tel 2052 – B Sealant

Prepared: 27 May 2014
Supersedes 31 January 2008

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Q-Tel 2052 – B Sealant
Chemical Family: Silicone Elastomer
Product Use: Sealant
Manufacturer: Chemque, Inc.
6101 Guion Road
Indianapolis, IN 46254
Telephone Number: (317) 291-9107
In Emergency Only: CANUTEC Collect: (613) 996-6666 (24-hour hotline)
Information: (613) 992-4624

SECTION 2: HAZARDS IDENTIFICATION

Emergency Overview: Thick paste; clear to hazy in colour.
Sweet odour.
Combustible.
Eye and skin irritant.
Harmful if swallowed.
Cured product is non-hazardous.

Potential Health Effects: Eyes – Direct eye contact may cause irritation.
Skin – Repeated and prolonged skin contact may cause irritation.
Inhalation – Potential respiratory tract irritant. Vapours in great quantities may cause dizziness and/or suffocation.
Ingestion – Methyltrimethoxysilane produces methanol in the stomach. Harmful if swallowed.
Chronic Effects – None known.

SECTION 3: HAZARDOUS INGREDIENT INFORMATION

Ingredient	% (W/W)	CAS Number
Methyltrimethoxysilane	3.0 – 7.0	1185-55-3

Safety Data Sheet (SDS)

SECTION 4: FIRST AID MEASURES

Eyes:	Flush open eyes with water for 15 minutes. If irritation persists, consult a physician.
Skin:	Wipe material off of skin, and wash skin thoroughly with soap and water. Remove and wash clothing before re-use.
Inhalation:	Move to fresh air; call a physician if ill effects persist.
Ingestion:	Seek medical attention immediately. If conscious, give water and DO NOT induce vomiting.

SECTION 5: FIRE FIGHTING MEASURES

Flammable Properties:	Vapour may be ignited by static sparks, flames or other ignition sources.
Extinguishing Media:	CO ₂ , water spray, foam, dry chemical.
Protection of Fire Fighters:	Self contained breathing apparatus and full protective clothing should be worn by fire fighters.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Use personal protective equipment as recommended in Section 8.
Environmental Precautions:	Do not empty into drains or discharge into the soil/subsoil.
Methods for Containment:	Absorb spill with inert material. Place in suitable container.
Methods for Clean-Up:	Use absorbent material to clean any oil-like residues.

SECTION 7: HANDLING AND STORAGE

General Warning to Prevent Exposure:	Use in well ventilated areas. Avoid breathing vapours. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.
General Storage Information:	Store in tightly-sealed containers in temperatures below 32°C (90°F). Protect from moisture.

Safety Data Sheet (SDS)

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION		
Ingredient	Exposure Limit	Unit
Methyltrimethoxysilane	0.05 (TWA)	ppm
Engineering Controls:	Use general mechanical ventilation to keep vapour concentrations at low levels.	
Personal Protective Equipment:	<u>Eyes:</u> Safety glasses or goggles; face shield if risk of splashing is present. <u>Skin:</u> Rubber or polyvinyl gloves. <u>Inhalation:</u> NIOSH-approved organic respirator if TLV is exceeded. <u>Other:</u> Safety shower, eye bath.	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES	
Appearance:	Thick paste; clear to hazy in colour.
Odour:	Sweet.
Melting Point (°C):	N/E
Boiling Point (°C):	N/E
Flash Point:	82 C (179.6 F) ASTM D-3828 Seta flash CC
Evaporation Rate:	N/E
Upper/Lower Flammable Limits:	N/E
Vapour Pressure @ 25°C:	N/E
Vapour Density:	N/E
Specific Gravity:	1.0
Solubility:	Negligible solubility
VOC content:	N/E

Safety Data Sheet (SDS)

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to Avoid:	Reacts with water, acids, etc., liberating methanol (methyl alcohol).
Incompatible Materials:	Strong oxidizers.
Hazardous Decomposition Products:	Silicon dioxide, carbon monoxide, carbon dioxide; traces of incompletely burned carbon compounds on combustion.
Possibility of Hazardous Reactions:	Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Dose Toxicity:	Methyltrimethoxysilane	Oral, LD ₅₀ : 10,000mg/kg (rat) Dermal, LD ₅₀ > 9,000 mg/kg (rabbit)
Repeated Dose Toxicity:	None known.	
Sensitization:	Not a known sensitizer.	
Carcinogenicity:	Not a known carcinogen.	
Neurological Effects:	None known.	
Genetic Effects:	None known.	
Reproductive Effects:	None known.	
Developmental Effects:	None known.	
Target Organ Effects:	None known.	

SECTION 12: ECOLOGICAL INFORMATION

No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Recover or recycle if possible.

Dispose of this material in accordance with local, provincial and federal laws and regulations.

All provided information only applies to the material as supplied to the user. The characteristics outlined may not apply if the material has been used or otherwise contaminated. It is the responsibility of the user to determine the proper waste identification and disposal methods in

Safety Data Sheet (SDS)

compliance with applicable regulations.

SECTION 14: TRANSPORT INFORMATION

NOT REGULATED

SECTION 15: REGULATORY INFORMATION

Canadian Regulations:	As per WHMIS, this material is classified: B3 (Combustible Liquid) D2B ("Poisonous Material Causing Serious and Toxic Effects") - Toxic All of the components of this material appear on the "Domestic Substances List" (DSL). This product has been classified in accordance with the hazard criteria of the <i>Controlled Products Regulations</i> and the MSDS contains all of the information required in the <i>Controlled Products Regulations</i>.
US Regulations:	Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200. All of the components of this material appear on the "Toxic Substances Control Act" (TSCA) inventory.

SECTION 16: Other Information

Abbreviations: N/E	Not established
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