



**Quality  
Putty**

## Material Safety Data Sheet

### Section 1 – Chemical Product / Company Information

**Product Name:** Contractor's Glazing Putty - Tegso  
**Product Use/Class:** Glazing Putty  
**Revision Date:** 01/05/2015  
**Manufacturer:** NS Chemicals t/a Quality Putty  
PO Box 1103, Gallo Manor, 2052  
011 392 2868  
www.nschemicals .co.za

### Section 2 – Hazards Identification

**Emergency overview:** A light to dark brown, in the case of teak derivative red, paste product with a musty odour. CAUTION! May cause eye, skin, nose, throat and respiratory tract irritation.

Refer to MSDS sections for other detailed information.

**Effects of overexposure – Eye Contact:** May cause eye irritation.

**Effects of overexposure – Skin contact:** May cause skin irritation.

**Effect of overexposure – Inhalation:** Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous, membranes)

**Effects of overexposure - Chronic Hazards:** Prolonged and repeated skin contact may cause irritation and possibly dermatitis.

**Primary Route(s) of entry:** Skin contact, skin absorption.

**Medical Conditions which may be aggravated by exposure:** None known.

### Section 3 – Composition / Information On Ingredients

Chemical Name	CASRN	Wt%
Limestone	1317-65-3	60 - 100
Vegetable Oil	8001-26-1	5 - 20
Silica, crystalline	14808-60-7	0.1 – 1.0



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### **Section 4 – First Aid Measures**

**First Aid – Eye contact:** In case of contact, immediately flush eyes with large quantities of water for at least 15 minutes until irritation subsides. Get medical attention immediately.

**First Aid – Skin Contact:** Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical assistance if symptoms persist. Remove and wash contaminated clothing.

**First Aid – Inhalation:** If inhaled, move towards fresh air. If breathing becomes difficult, leave the area to obtain fresh air. If continued breathing difficulty is experienced, get medical attention immediately.

**First Aid – Ingestion:** If swallowed, DO NOT INDUCE VOMITING. Get medical attention immediately.

**Note to Physician:** None.

### **Section 5 – Fire Fighting Measures**

**Extinguishing Media:** Carbon Dioxide, Dry Chemical, Foam.

**Unusual Fire and Explosion Hazards:** No special protective measure against fire required.

**Special Fire fighting Procedures:** Wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear. Use water spray to cool exposed surfaces.

### **Section 6 – Accident Release Measures**

**Steps to be taken if material is released or spilled:** Wear proper protective equipment as specified in Section 8. Scrape up spilled material and place in container.

### **Section 7 – Handling and Storage**

**Handling:** KEEP OUT OF REACH OF CHILDREN! DO NOT TAKE INTERNALLY. Use only with adequate ventilation. Open all windows and doors or use other means to ensure cross-ventilation and fresh air during application and drying. Odour is not an adequate warning for hazardous conditions. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

**Storage:** Do not store at temperatures above 120 degrees F. Store containers away from excessive heat and freezing. Close container after each use.



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## Section 8 – Exposure Controls / personal Protection

Chemical Name	CASRN	TWA	STEL	CEIL	OSHA TWA	OSHA STEL	OSHA CEIL	Skin
Limestone	1317-65-3	10 MGM3	N.E.	N.E.	5 MGM3 (respirable Fraction)	N.E.	N.E.	No
Linseed Oil	8001-26-1	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	No
Vegetable Oil	8001-22-7	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	No
Silica, crystalline	14808-60-7	0.025 MGMG.	N.E.	N.E.	10/(%SiO <sub>2</sub> =2) MGM3	N.E.	N.E.	No

### Exposure Notes:

14808-60-7 The 2002 ACGIH Threshold Limit Values for Chemical Substances and Physical Agents lists the median Respirable Particulate Mass (RPM) point for crystalline at 4.0 microns in term of the particle's aerodynamics diameter.

The TLVs for crystalline silica represent the respirable fraction.

OSHA PEL TWA for Quartz is calculated using the following formula:  $10\text{mg}/\text{m}^3 / (\% \text{SiO}_2 = 2)$ . Both concentration and percent quarts for the application of this limit are to be determined from the fraction passing a size sllector with the following characteristics.

Aerodynamic diameter ( unit density sphere)	Percent passing selector
2	90
2.5	75
3.5	50
5.0	25
10	0

**Precautionary Measures:** Contact lenses pose a special hazard; soft lenses may absorb and all lenses concentrate irritants.

**Engineering Controls:** Good general ventilation should be sufficient to control airborne levels. Ensure adequate ventilation, especially in confined areas. Local ventilation of emission sources may be necessary to maintain ambient concentrations below recommended exposure limits.

**Respiratory Protection:** In case of insufficient ventilation, wear suitable repiratory equipment. A NIOSH-approved air purifying respirator with an organic vapour cartridge or canister may be necessary under certain circumstances where airborne concentrations are expected to exceed exposure limits.

**Skin Protection:** Rubber gloves.

**Eye Protection:** Goggles or safety glasses with side shields.

**Other protective equipment:** Not required under normal use.

**Hygienic Practices:** Wash hands before breaks and at the end of a workday. Remove and wash contaminated clothing.

**NOTE:** An employee's skin exposure to substances having a "YES" in the "SKIN" column in the table above shall be prevented or reduced to the extent necessary under the circumstances through the use of gloves, coveralls, goggles or other appropriate personal protective equipment, engineering controls or work practices.



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## Section 9 – Physical And Chemical Properties

<b>Boiling Range:</b>	Not Established	<b>Vapor Density:</b>	Not Established
<b>Odour:</b>	Musty	<b>Odour Threshold:</b>	Not Established
<b>Colour:</b>	Light to Dark Brown	<b>Evaporation Rate:</b>	Not Established
<b>Solubility in H2O:</b>	Not Established	<b>Specific Gravity:</b>	> 1
<b>Freeze Point:</b>	Not Established	<b>pH:</b>	Not Established
<b>Vapor Pressure:</b>	Not Established	<b>Viscosity:</b>	Not Established
<b>Physical State:</b>	Paste	<b>Flammability:</b>	Non-Flammable
<b>Lower Explosive Limit, %:</b>	Not Established	<b>Upper Explosive Limit, %:</b>	Not Established
<b>Flash Pint, F:</b>	Not Established		

## Section 10 – Stability and Reactivity

**Conditions to avoid:** Excessive heat and freezing.

**Incompatibility:** Incompatible with strong bases and oxidizing agents.

**Hazardous Decomposition Products:** Normal decomposition products.

**Hazardous Polymerization:** Hazardous polymerization will not occur under normal conditions.

**Stability:** Stable under recommended storage conditions.

## Section 11 - Toxicological Information

**Product LD50:** Not Established

CASRN	Chemical Name	LD50	LC50
None	None	None	None

**Significant Data with possible Relevance with humans:** None.

## Section 12 – Ecological Information

**Ecological Information:** Ecological injuries are not known or expected under normal use.

## Section 13 – Disposal Information

**Disposal Information:** Dispose of material in accordance with all local regulations. Responsibility for proper waste disposal is with the owner of the waste.

**Note:** This product does not meet the definition of a hazardous waste.



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## Section 14 – Transportation

<b>DOT Proper Shipping:</b>	Not Regulated	<b>Packing Group:</b>	N.A.
<b>DOT Technical Name:</b>	N.A.	<b>Hazard Subclass:</b>	N.A.
<b>DOT Hazard Class:</b>	N.A.	<b>DOT UN/NA Number:</b>	N.A.

**Note:** The shipping information provided is applicable for domestic ground transport only. Different categorization may apply if shipped via other modes of transportation and/or to non-domestic destinations.

## Section 15 – Regulatory Information

Immediate Health Hazard, Chronic Health Hazard

### SARA Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

None.

### Toxic Substances Control Act:

All ingredients in this are either on TSCA inventory list, or otherwise exempt.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12 (B):

None.

## Section 16 – Other Information

### HMIS Ratings

Health: 1	Flammability: 1	Reactivity: 0	Personal Protection: X
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**Volatile Organic Compounds (VOC), less water less exempts:** g/L: 0.0    lb/gal: 0.0    wt:wt%: 0.0

**Volatile Organic Compounds(VOC), less water less exempts, less LVP-VOCs:** wt:wt%: 0.0

### Legend:

- |                                  |  |
|----------------------------------|--|
| N.A. – Not Applicable            | OSHA – Occupational Safety and Health Administration   |
| N.E. – Not Established           | HMIS – Hazardous Materials Identification System       |
| N.D. – Not Determined            | STEL – Short Term Exposure Limit                       |
| VOC – Volatile Organic Compound  | LC50 – Lethal Concentration 50                         |
| PEL – Permissible Exposure Limit | MSDS – Material Safety Data Sheet                      |
| TLV – Threshold Limit Value      | CASRN – The Chemical Abstracts Service Registry Number |
| CEIL – Ceiling Exposure Limit    | LD50 – Lethal Dose 50                                  |
| F – Degree Fahrenheit            | C – Degree Celsius                                     |

Quality Putty believes the data and statements contained herein are accurate as of the date hereof. They are offered in good faith as typical values and not as a product specification. **NO WARRANTY OF MERCHANTABILITY, WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE WITH REGARD TO THE INFORMATION HEREIN PROVIDED OR THE PRODUCT TO WHICH THE INFORMATION REFERS.** Since this document is intended only as a guide to the appropriate use and precautionary handling of the referenced product by a properly trained person, it is therefore the responsibility of the user to (i) review the recommendations with the due consideration for the specific context of the intended use and (ii) determine if they are appropriate.