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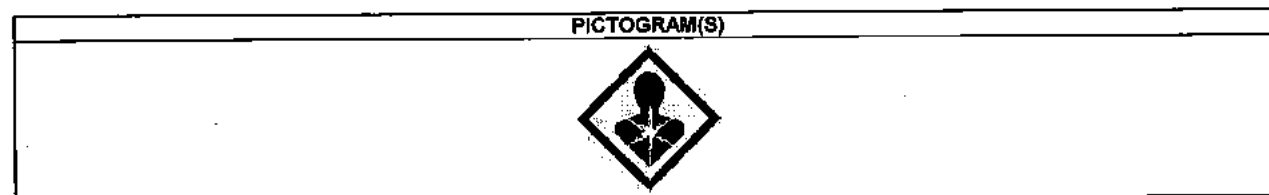
**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** TEROSON RB 3210-Z BODY SHOP METAL SEALANT known as TEROSTAT 3210-Z  
**IDH number:** 1253831  
**Product type:** Adhesive/Sealant  
**Restriction of Use:** None identified  
**Company address:** Henkel Corporation, One Henkel Way, Rocky Hill, Connecticut 06067  
**Region:** United States  
**Contact information:** Telephone: (860) 571-5100  
 MEDICAL EMERGENCY Phone: Poison Control Center 1-877-671-4608 (toll free) or 1-303-592-1711  
 TRANSPORT EMERGENCY Phone: CHEMTREC 1-800-424-9300 (toll free) or 1-703-527-3887  
 Internet: www.henkeln.com

**2. HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW	
<b>DANGER:</b>	CAUSES SKIN IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS OR BREATHING DIFFICULTIES IF INHALED. MAY CAUSE CANCER.

HAZARD CLASS	HAZARD CATEGORY
SKIN IRRITATION	2
EYE IRRITATION	2A
RESPIRATORY SENSITIZATION	1
SKIN SENSITIZATION	1
CARCINOGENICITY	1A



**Precautionary Statements**

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust or fumes. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye and face protection. Wear protective gloves. Use personal protective equipment as required. In case of inadequate ventilation wear respiratory protection.

**Response:** IF ON SKIN: Wash with plenty of soap and water. IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. IF exposed or concerned: Get medical attention. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing.

**Storage:** Store locked up.

**Disposal:** Dispose of contents and/or container according to Federal, State/Provincial and local

governmental regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Percentage*
Limestone	1317-65-3	30 - 60
Phthalic acid esters	68515-48-0	5 - 10
Diundecyl phthalate	3648-20-2	5 - 10
Benzoic acid, C9-11-branched alkyl esters	131298-44-7	5 - 10
Calcium carbonate	471-34-1	5 - 10
1,3-Butadiene homopolymer	9003-17-2	1 - 5
Calcium oxide	1305-78-8	1 - 5
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	1 - 5
Magnesium carbonate	546-93-0	1 - 5
Carbon black	1333-86-4	0.1 - 1
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	0.1 - 1
Quartz (SiO <sub>2</sub> )	14808-60-7	0.1 - 1

\* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Move to fresh air. If symptoms persist, seek medical advice.
<b>Skin contact:</b>	Immediately wash skin thoroughly with soap and water. Immediately remove soiled or soaked clothing. If irritation persists, repeat flushing and get medical attention. Discard any shoes or clothing items that cannot be decontaminated.
<b>Eye contact:</b>	Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention at once.
<b>Ingestion:</b>	Immediate medical treatment necessary. Do not induce vomiting.
<b>Symptoms:</b>	See Section 11.

### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media:</b>	Water spray (fog), foam, dry chemical or carbon dioxide.
<b>Special firefighting procedures:</b>	Wear self-contained breathing apparatus. Wear full protective clothing.
<b>Unusual fire or explosion hazards:</b>	None identified.

**Hazardous combustion products:**

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

## **6. ACCIDENTAL RELEASE MEASURES**

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**Environmental precautions:**

Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up. Remove all sources of ignition.

**Clean-up methods:**

Absorb spill with inert material. Shovel material into appropriate container for disposal. Dispose of according to Federal, State and local governmental regulations.

## **7. HANDLING AND STORAGE**

**Handling:**

Use only in well-ventilated areas. Wear suitable protective clothing, safety glasses and gloves.

**Storage:**

For safe storage, store between 10 °C (50°F) and 32 °C (89.6 °F) Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Store away from heat, sparks, flames, or other sources of ignition.

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Limestone	10 mg/m <sup>3</sup> TWA Total dust.	5 mg/m <sup>3</sup> PEL Respirable fraction. 15 mg/m <sup>3</sup> PEL Total dust.	None	None
Phthalic acid esters	None	None	None	None
Diundecyl phthalate	None	None	None	None
Benzoic acid, C9-11-branched alkyl esters	None	None	None	None
Calcium carbonate	10 mg/m <sup>3</sup> TWA Total dust.	5 mg/m <sup>3</sup> PEL Respirable fraction. 15 mg/m <sup>3</sup> PEL Total dust.	None	None
1,3-Butadiene homopolymer	None	None	None	None
Calcium oxide	2 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> PEL	None	None
Distillates (petroleum), hydrotreated heavy naphthenic	5 mg/m <sup>3</sup> TWA mist 10 mg/m <sup>3</sup> STEL mist 5 mg/m <sup>3</sup> TWA Inhalable fraction.	5 mg/m <sup>3</sup> TWA mist 500 ppm (2,000 mg/m <sup>3</sup> ) PEL 5 mg/m <sup>3</sup> PEL Mist.	None	None
Magnesium carbonate	None	15 mg/m <sup>3</sup> PEL Total dust. 5 mg/m <sup>3</sup> PEL Respirable fraction.	None	None
Carbon black	3 mg/m <sup>3</sup> TWA Inhalable fraction.	3.5 mg/m <sup>3</sup> PEL	None	None
Distillates (petroleum), hydrotreated heavy naphthenic	5 mg/m <sup>3</sup> TWA mist 10 mg/m <sup>3</sup> STEL mist Exposure by all routes should be carefully controlled to levels as low as possible. Included in the regulation but with no data values. See regulation for further details	5 mg/m <sup>3</sup> TWA mist 500 ppm (2,000 mg/m <sup>3</sup> ) PEL 5 mg/m <sup>3</sup> PEL Mist.	None	None
Quartz (SiO <sub>2</sub> )	0.025 mg/m <sup>3</sup> TWA Respirable fraction.	2.4 MPPCF TWA Respirable. 0.1 mg/m <sup>3</sup> TWA Respirable. 0.3 mg/m <sup>3</sup> TWA Total dust.	None	None

**Engineering controls:**

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

**Respiratory protection:**

If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

**Eye/face protection:**

Safety glasses with side-shields.

**Skin protection:**

Chemical resistant, impermeable gloves. Gloves should be tested to determine suitability for prolonged contact. Use of impervious apron and boots are recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid
Color:	Black
Odor:	Characteristic
Odor threshold:	Not available.
pH:	Not available.
Vapor pressure:	Not determined/Not determined
Boiling point/range:	Not applicable/Not applicable
Melting point/ range:	< 0.0 °C (< 32°F)
Specific gravity:	1.5000 - 1.7000 at 25 °C (77°F)
Vapor density:	Not available.
Flash point:	> 190.00 °C (> 374°F)
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Autoignition temperature:	Not available.
Evaporation rate:	Not available.
Solubility in water:	Negligible
Partition coefficient (n-octanol/water):	Not available.
VOC content:	< 2.0 % EPA Method 24
Viscosity:	> 7,000,000 mPa.s
Decomposition temperature:	Not available.

## 10. STABILITY AND REACTIVITY

Stability:	Stable at normal conditions. Stable
Hazardous reactions:	None under normal processing. Will not occur.
Hazardous decomposition products:	Thermal decomposition can lead to release of irritating gases and vapors.
Incompatible materials:	This product may react with oxidizing agents. Nitric acid.
Reactivity:	Not available.
Conditions to avoid:	Excessive heat.

## 11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Skin, Inhalation, Eyes

**Potential Health Effects/Symptoms**

**Inhalation:** May cause respiratory tract irritation. This compound contains a material that may cause sensitization in some individuals, resulting in allergic symptoms of the respiratory tract producing asthma-like conditions (including wheezing, shortness of breath and difficulty breathing).

**Skin contact:** This product may cause irritation to the skin. This product contains a component that may cause allergic skin reactions.

**Eye contact:** This product may be severely irritating to the eyes.

**Ingestion:** Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Limestone	None	Nuisance dust
Phthalic acid esters	None	Developmental, Kidney, Liver, Reproductive
Diundecyl phthalate	Oral LD50 (RAT) = > 15 g/kg Dermal LD50 (RABBIT) = > 7.9 g/kg Inhalation LC50 (RAT, 6 h) = 1.8 mg/l Inhalation LC50 (RAT, 6 h) = > 1.8 mg/l	Irritant, Central nervous system
Benzoic acid, C9-11-branched alkyl esters	None	No Records
Calcium carbonate	Oral LD50 (RAT) = 6,450 mg/kg	Nuisance dust
1,3-Butadiene homopolymer	None	No Target Organs
Calcium oxide	None	Irritant, Corrosive, Eyes
Distillates (petroleum), hydrotreated heavy naphthenic	None	Irritant
Magnesium carbonate	None	Gastrointestinal, Immune system, Irritant
Carbon black	Oral LD50 (RAT) = > 8,000 mg/kg	Respiratory, Some evidence of carcinogenicity
Distillates (petroleum), hydrotreated heavy naphthenic	None	Irritant
Quartz (SiO2)	None	Immune system, Lung, Some evidence of carcinogenicity

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Limestone	No	No	No
Phthalic acid esters	No	No	No
Diundecyl phthalate	No	No	No
Benzoic acid, C9-11-branched alkyl esters	No	No	No
Calcium carbonate	No	No	No
1,3-Butadiene homopolymer	No	No	No
Calcium oxide	No	No	No
Distillates (petroleum), hydrotreated heavy naphthenic	No	No	No
Magnesium carbonate	No	No	No
Carbon black	No	Group 2B	No
Distillates (petroleum), hydrotreated heavy naphthenic	Known To Be Human Carcinogen.	Group 1	No
Quartz (SiO2)	Known To Be Human Carcinogen.	Group 1	No

**12. ECOLOGICAL INFORMATION**

**Ecological information:** Not available.

### 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Dispose of according to Federal, State and local governmental regulations.

**Hazardous waste number:** Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA. Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

### 14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

#### U.S. Department of Transportation Ground (49 CFR)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

#### International Air Transportation (ICAO/IATA)

**Proper shipping name:** Environmentally hazardous substance, solid, n.o.s. (C9-11-branched alkyl benzoate)  
**Hazard class or division:** 9  
**Identification number:** UN 3077  
**Packing group:** III

#### Water Transportation (IMO/IMDG)

**Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (C9-11-branched alkyl benzoate)  
**Hazard class or division:** 9  
**Identification number:** UN 3077  
**Packing group:** III  
**Marine pollutant:** C9-11-branched alkyl benzoate  
**Exceptions:** Classified per IMDG Amendment 34; Effective Jan 1, 2010.

### 15. REGULATORY INFORMATION

#### United States Regulatory Information

**TSCA 8 (b) Inventory Status:** All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

**TSCA 12 (b) Export Notification:** None above reporting de minimis

**CERCLA/SARA Section 302 EHS:** None above reporting de minimis  
**CERCLA/SARA Section 311/312:** Immediate Health, Delayed Health  
**CERCLA/SARA Section 313:** None above reporting de minimis

**California Proposition 65:** This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

#### Canada Regulatory Information

**CEPA DSL/NDSL Status:** Contains one or more components listed on the Non-Domestic Substances List. All other components are listed on or are exempt from listing on the Domestic Substances List. Components listed on the NDSL must be tracked by all Canadian Importers of Record as required by Environment Canada. They may be imported into Canada in limited quantities. Please contact Regulatory Affairs for additional details.

## 16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

Prepared by: Cheryl Neason, Regulatory Affairs Specialist

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