

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

070414342

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

070414169 070414177 070414185 070414193 070414201 070414219 070414227 070414235 070414243 070414250  
070414268 070414276 070414284 070414292 070414300 070414318 070414326 070414334 070414359 070414367  
070414375 070414383 070414391 070414409 070414417 070414425 070414433 070414441 070414458 070414466  
070414474 070414482 070414490 070414508 070414516 070414524 070414532 070414540 070414557 070414565  
070414573 070414581 070414599 070414607 070414615 070414623 070414631 070414649 070414656 070414664  
070414672 070414680 070414698 070414706 070414714 070414722 070414730 070414748 070414755 070414763  
070414771 070414789 070414797 070414805 070414813 070414821 070414839 070414847 070414854 070414862  
070414870 070414888 070414896 070414904 070414912 070414920 070414938 070414946 070414953 070414961  
070414979 070414987 070414995 070415000 070415018 070415026 070415034 070415042 070415059 070415067  
070415075 070415083 070415091 070415109 070415117 070415125 070415133 070415141 070415158 070415166  
070415174 070415182 070415190 070415208 070415216 070415224 070415232 070415240 070415257 070415984  
070415992 070416008 070416016 070416024 070416032 070416040 070416057 070416065 070416073 070421206  
070940700 070940718 070940759 070940767 070940775 070940783 070940791 070940809 070940817 070940825  
070940833 070940841 070940858 070940866 070940874 070940882 070940890 070940908 070940916 070940924  
070940932 070940940 070940957 070940965 070940973 070940981 070940999 070941005 070941013 070941021  
070941039 070941047

# MATERIAL SAFETY DATA SHEET

## **SECTION I-CHEMICAL PRODUCT IDENTIFICATION**

Product Name: Patterson Ceramic Brackets (Roth, Brace System)

Patterson Product Codes: 070940700, 070940718, 070940742, 070940759, 070940767, 070940775, 070940783, 070940791, 070940809, 070940817, 070940825, 070940833, 070940841, 070940858, 070940866, 070940874, 070940882, 070940890, 070940908, 070940916, 070940924, 070940932, 070940940, 070940957, 070940965, 070940973, 070940981, 070940999, 070941005, 070941013, 070941021, 070941039, 070941047

**Distributor's Name:**  
Patterson Companies, Inc.

**Emergency Telephone Number:**  
24-hour Emergency Response Number: (800) 424-9300.

**Address:**  
1031 Mendota Heights Road  
St. Paul, MN 55120  
USA

**Information Telephone Number:**  
Tel: 1-800 328-5536  
Fax: 1-651 686-9331  
[www.pattersoncompanies.com](http://www.pattersoncompanies.com)

**Date Issued:**  
03/31/2014

## **SECTION II- COMPOSITION/INFORMATION on INGREDIENTS**

| Ingredient Name  | Concentration |
|------------------|---------------|
| Alumina          | 99.9%         |
| Silicone Dioxide | Balance       |

## **SECTION III- HAZARDS IDENTIFICATION**

None

## **SECTION IV- FIRST AID MEASURES**

First Aid for Eyes: Flush thoroughly with water. Consult a physician.

First Aid for Skin: Prolonged contact may cause irritations in sensitized persons.

First Aid for Inhalation: Move person to fresh air. Consult a physician.

First Aid for Ingestion: While ingestion of large enough quantities to cause health effects, consult a physician.

## **SECTION V- FIRE FIGHTING MEASURES**

Flash Point: N/A

Flammable Limits

Upper Exposure Limit (UEL) %: N/A

Lower Exposure Limit (LEL) %: N/A

Extinguishing Media: N/A

Special Fire Fighting Procedures: None

## **SECTION VI -ACCIDENTAL RELEASE MEASURES**

Spill or Leak Procedures: Remove by mechanical means

## **SECTION VII - HANDLING and STORAGE**

Storage Temperature (Min/Max): Ambient

Shelf Life: 5 years

Special Sensitivity: N/A

Handling/Storage Precautions: None

Other Notes: None

## **SECTION VIII - PERSONAL PROTECTION**

Eye Protection Requirements: None

Skin Protection Requirements: None required

Ventilation Requirements: None

Respirator Requirements: None

Additional Protective Measures: None

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## **SECTION IX- PHYSICAL and CHEMICAL PROPERTIES**

Physical Form: Solid  
Color:  
Odor: Odorless  
Boiling Point: High  
Melting-Freezing Point: 1950°C  
Solubility in Water: Insoluble  
Specific Gravity: 0.90-0.91  
Bulk Density: 1.01g/cm<sup>3</sup> (in water=1 Approx.)  
Percent Volatile by Volume: N/A  
Vapor Pressure: N/A

## **SECTION X- STABILITY and REACTIVITY**

Stability: Stable  
Hazardous Polymerization: Will not occur  
Incompatibilities: None known  
Instability Conditions: None known  
Decomposition Products: By fire: carbon monoxide, carbon dioxide, styrene and hydrogen cyanide

## **SECTION XI - TOXICOLOGICAL INFORMATION**

None

## **SECTION XII- ECOLOGICAL INFORMATION**

None

## **SECTION XIII- DISPOSAL CONSIDERATIONS**

Waste Disposal Method: In accordance with Federal, State or Local regulations

## **SECTION XIV - TRANSPORTATION INFORMATION**

Technical Shipping Name: N/A  
Freight Class Bulk: N/A  
Freight Class Package: N/A  
Product Label: N/A  
Hazard Class or Division: Non-hazardous  
Hazard Class Division Number: Not hazardous by DOT regulations

## **SECTION XV- REGULATORY INFORMATION**

### **SARA Title III**

Section 302 Extremely Hazardous Substances: None  
Section 311/312 Hazard Categories: None  
Section 313 Toxic Chemicals: None  
RERA Status: Non-hazardous

## **SECTION XVI- OTHER INFORMATION**

| HMIS Ratings: | Health | Flammability | Reactivity |
|---------------|--------|--------------|------------|
|               | 0      | 0            | 0          |

0 = Minimal  
1 = Slight  
2 = Moderate  
3 = Serious  
4 = Severe

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