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**I. PRODUCT AND COMPANY IDENTIFICATION**

**Company:** Simpson Strong-Tie Company, Inc.  
**Address:** 5956 W. Las Positas Blvd.  
Pleasanton, CA 94588

**Product Name:** TITEN HD

**Product Description:** High Strength Screw Anchor for Concrete and Masonry

**Emergency Contact No.:** 1-800-535-5053 USA  
1-352-323-3500 **International**

**Date Prepared or Revised:** March 2008. For most current MSDS, please visit our web site at [www.simpsonanchors.com](http://www.simpsonanchors.com)

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**II. COMPOSITION / INFORMATION ON INGREDIENTS**

Various Metals, Ferrous and Non-Ferrous Platings.

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**III. HAZARD IDENTIFICATION**

**EMERGENCY OVERVIEW**

None known.

**POTENTIAL HEALTH EFFECTS**

**ACUTE**

**Eyes Contact:** Beware of airborne particles during installation.  
**Skin Contact:** Sharp edges at threaded sections may cause abrasions or even cuts if not handled carefully.  
**Inhalation:** Not considered an inhalation hazard.  
**Ingestion:** Not considered to pose an ingestion hazard.  
**Systemic Effects:** None known.

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**IV. FIRE-FIGHTING MEASURES**

Not Applicable.

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**V. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Not Applicable  
**Environmental Precautions:** Not Applicable  
**Clean-up Methods:** Not Applicable

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**VI. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Protective Measure:** Protective coatings are used on most metal fasteners. Typically this will be a commercial zinc, hot dipped galvanizing, or mechanically galvanized plating. This information should be considered when evaluating employee personal protective equipment and health risks during normal use.

**Eye Protection:** Avoid contact with eyes. Safety glasses required.

**Skin and Hand Protection:** Gloves recommended.

**Ingestion:** Do not ingest or place any metal fasteners in mouth.

**Respirator Protection:** Not required.

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**VII. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Form:</b>	Solid
<b>Appearance:</b>	Various diameters and lengths
<b>Odor:</b>	None
<b>Boiling Point:</b>	N/A
<b>Melting Point:</b>	2600-2700 °F
<b>Vapor Pressure:</b>	N/A
<b>Vapor Density:</b>	N/A
<b>Solubility In Water:</b>	Insoluble

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**VIII. REACTIVITY DATA**

<b>Stability:</b>	Stable
<b>Incompatibility:</b>	Acid
<b>Hazardous Decomposition Products:</b>	None
<b>Hazardous Polymerization:</b>	Will not occur.

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**IX. DISPOSAL CONSIDERATIONS**

<b>Waste From Residues / Unused Products:</b>	This material is not a hazardous waste by RCRA criteria (40 CFR 261). Dispose of container and unused contents in accordance with federal, state, and local requirements.
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**X. TRANSPORTATION**

<b>US DOT (CFR):</b>	Not Regulated For Transport.
<b>IATA:</b>	Not Regulated For Transport.
<b>IMO:</b>	Not Regulated For Transport.

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**XI. REGULATORY INFORMATION****EPA SARA Title III Section 312 (40 CFR 370) Hazardous Classification:**

None.

**EPA SARA Title III Section 313 (40 CFR 372) Component(s) above 'de minimus' level:**

None.

**US. California "Safe Drinking Water and Toxic Enforcement Act" (Proposition 65):**

This product contains small traces of the following chemicals that are known to the State of California to cause cancer and/or reproductive toxicity and other harm. None.

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**XII. OTHER INFORMATION****HMIS RATING**

Health	Flammability	Physical Hazard
1	0	0

N/A – Not Applicable

This Material Safety Data Sheet (MSDS) is prepared by Simpson Strong-Tie Co. in compliance with the requirements of OSHA 29 CFR Part 1910.1200. The information it contains is offered in good faith as accurate as of the date of this MSDS. This MSDS is provided solely for the purpose of conveying health, safety, and environmental information. No warranty, expressed or implied, is given. Health and Safety precautions may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations.