

# Material Safety Data Sheet

MSDS No. 12

Date of preparation: 10/20/05

Revision: Original

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product/Chemical Name:** Habit-Corrector® - Thermoplastic Elastomer (TPE)

**Manufacturer:** Ortho-Tain, Inc. – Road 861 Km. 5.0 Barrio Piñas, Toa Alta, Puerto Rico 00953 – Phone: 1-800-468-0737, 1-800-541-6612 – Fax: 787-799-5074

## SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components/Ingredient Name	CAS Number	% wt or % vol
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None of the ingredients in this product are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, OSHA, or California PROP 65.

The ingredients in this product are in compliance with the EU ROHS Directive.

The ingredients in this product may be defined as hazardous under OSHA CFR 29, Part 1910.1200. These ingredients are completely encapsulated in an inert plastic matrix, which greatly reduces the potential for user exposure to hazardous chemicals.

**Nuisance Dust:** OSHA PEL 15 mg/m<sup>3</sup>; ACGIH TLV 10mg/ m<sup>3</sup>

PEL+TLV Limits listed for chemical category (IES) take precedence over the limits established for nuisance dust.

We certify that all materials used in the manufacture of our product have been registered in accordance with the rules and regulations of the TSCA.

## SECTION 3 – PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Solid

**Appearance and Odor:** Clear plastic, faint odor.

**Odor Threshold:** N/A

**Vapor Pressure:** N/A

**Vapor Density (Air=1):** N/A

**Specific Gravity (H<sub>2</sub>O=1):** N/A

**Water Solubility:** Essentially Insoluble

**Boiling Point:** N/A

**Melting Point:** N/A

**Evaporation Rate:** N/A

**Percent Volatile:** N/A

## SECTION 4 – FIRST AID MEASURES

**Inhalation:** N/A

**Eye Contact:** N/A

**Skin Contact:** None.

**Ingestion:** None.

**Note to Physicians:** None.

**Special Precautions/Procedures:** Use self-contained breathing apparatus if degradation occurs due to excessive heat. Stop degradation by water Quench.

## SECTION 5 – FIRE-FIGHTING MEASURES

**Flash Point:** N/A

**Extinguishing Media:** Water spray, dry chemical, foam, carbon dioxide.

**Unusual Fire or Explosion Hazards:** None.

**Hazardous Combustion Products:** Carbon monoxide, carbon dioxide, smoke, soot and unidentified vapors.

**Fire-Fighting Instructions:** Do not release runoff from fire control methods to sewers or waterways.

**Fire-Fighting Equipment:** Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

**NFPA HAZARD RATING:** HEALTH: 2 FLAMMABILITY: 1 REACTIVITY: 0 SPECIAL: NONE

## SECTION 6 – STABILITY AND REACTIVITY

**Thermal Stability:** Stable.

**Polymerization:** Hazardous polymerization will not occur.

**Chemical Incompatibilities:** Not known.

**Conditions to Avoid:** None.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, smoke, soot and unidentified vapors.

Oxidation and decomposition products from any ingredients reported under SARA Title III Section 313 would also result from the combustion or thermal degradation of this product.

## SECTION 7 – HEALTH HAZARD DATA

### Toxicity Data

#### Routes of Entry

**Inhalation:** No known health hazards during normal use.

**Eye:** N/A

**Skin:** No known health hazards during normal use.

**Ingestion:** No known health hazards during normal use.

**Carcinogenicity:** No carcinogenic materials.

**NTP:** No

**IARC Monographs:** No

**OSHA Regulated:** No

**Signs/Symptoms of Exposure:** Not known.

**Medical Conditions Generally Aggravated by**

**Exposure:** Not known.

**Emergency and First Aid Procedures:** None needed.

## SECTION 8 – HANDLING AND STORAGE

**Handling Precautions:** None.

**Storage Requirements:** Store at room temperature.

**Regulatory Requirements:** None.

## SECTION 9 – ACCIDENTAL RELEASE MEASURES

**Spill/Leak Procedures:** N/A.

**Small Spills:** N/A.

#### Large Spills

**Containment:** None. Do not release into sewers or waterways.

**Cleanup:** N/A.

**Regulatory Requirements:** Dispose in accordance with applicable Federal, State and Local environmental control regulations.

## SECTION 10 – CONTROL MEASURES

#### Engineering Controls

**Ventilation:** Not normally required.

#### Administrative Controls

**Respiratory Protection:** None needed during normal use. Use air-supplied or self-contained breathing apparatus in emergency and non-routine, high exposure situation.

**Protective Clothing/Equipment:** None required.

**Comments:** None.

**Ventilation:** Not required.

**SECTION 11 – DISPOSAL CONSIDERATIONS**

**Disposal:** Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

**SECTION 12 – OTHER INFORMATION**

**Date Prepared:** October 20, 2005.

**Revision Notes:**

**Additional Hazard Rating Systems:**

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