

WAND Plastics and Rubber Taxonomy



The WAND Plastics and Rubber Taxonomy covers products and services related to the plastics and rubber industries. It includes manufacturing equipment, polymers, plastics and rubber in primary and semi-finished forms and plastics and rubber manufacturing services

Unstructured data is believed to account for 80 to 85% of a typical organization's internal information. Company documents, articles, spend data, and other unstructured information needs to be quickly and easily accessible by your organization's employees. A company's products and service are its backbone and a high-quality and well-structured vocabulary of the standard product and service terms that are important to your company is crucial for your employees to unlock the value of unstructured data in your company.

Applications

The WAND Plastics and Rubber Taxonomy can be licensed and integrated into your existing intranet, content management application, spend management system, spend analysis application, knowledge management portal, or any other application that would benefit from the power of a robust taxonomy-based search.

Unstructured information from a variety of repositories can be consistently organized and searched by:

- Relevant and intuitive product and service categories
- Hierarchical drill-down browsing
- Numerous slices or segments of the taxonomy
- Related terms which may link to previously unknown information
- Filtered Search
- Any combination of taxonomy pathways which funnel the users to the information they need

Structure and Delivery

The WAND Plastics and Rubber taxonomy consist of a controlled vocabulary of terms with multiple relationships such as hierarchical parent-child relationships, related terms, and synonyms. Many of the terms are associated to attribute and attribute value templates for specification based descriptions. Language translations of the product and service terms (not attributes/attribute values) are available in English, French, German, Spanish, Italian, Portuguese, Japanese, Simplified Chinese, Traditional Chinese, Korean, and Vietnamese. The Taxonomy is cross-mapped to many alternate classification systems including UNSPSC, NAICS, SIC, Harmonized Codes and Standard Yellow Page headings

Data can be delivered in a variety of format, including XML files, Access Database files, and csv, and is delivered via a password protected FTP site.

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Data Points:

- Total Product and Service Terms: 1,179
- Total Feature Values: 10,364
- Total Option Values: 33,348

(As of April 29, 2008)

Below are the top level headings and a sampling of subheadings:

Chlorinated Products

- Chlorinated Paraffin
- PVC Products

Fiberglass Products

- Fiberglass Pipes
- Glass Fiber Reinforced Plastic

Finished Plastics Products

- Artificial Flowers
- Plastic Wrap

Plastic and Rubber Manufacturing Services

- Plastics Design/Engineering/Manufacturing Services
- Rubber Manufacturers

Plastic Manufacturing Equipment

- Blow Molding Machines
- Polymer Reactors

Polymers

- Fluoroplastics
- Silicones

Rubber

- Foam Rubber
- Synthetic Rubber Factice

Rubber Manufacturing Equipment

- Injection Molding Machines
- Vulcanizers

Example of the WAND Plastics and Rubber Taxonomy:

| |
|---|
| Vinyl Chloride-Vinyl Acetate Copolymer Related Term(s): - Polyvinyl Acetates |
| Vinyl Ester Copolymers |
| Emulsion Polymers Synonyms / Non-Preferred Term(s): - Polymer Emulsions |
| Acrylic Emulsions Synonyms / Non-Preferred Term(s): - Acrylic Copolymer Emulsions, Acrylic Copolymer Emulsions - Polyacrylic Emulsions, Polyacrylic Emulsions |
| Silicone Emulsions |
| Styrene Emulsions |
| Vinyl Ester Copolymers |
| Fluoropolymer Synonyms / Non-Preferred Term(s): - Fluorinated Polymers |

| Features & Options |
|---|
| 01 Waterborne 01 Yes 02 No |
| 02 Ultraviolet Resistant 01 Yes 02 No |
| 03 Water Resistant 01 Yes 02 No |
| 04 Fire Retardant 01 Yes 02 No |
| 05 Percentage of Solids 01 Less Than 20 Percent 02 20 to 30 Percent 03 31 to 40 Percent 04 41 to 50 Percent 05 51 to 60 Percent 06 Greater Than 60 Percent |
| 06 Viscosity |