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“Low-VOC” paints

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GSA/FSS/6FEE

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Discussion Overview

- Ongoing mission of GSA Hardware SuperStore
- DoD/ GSA Joint Group on Environmental Attributes Decisions
- GSA Environmental Product Delineation
- Impacts to the Federal Customer and Supplier communities
- Ongoing technical service



General Services Administration “Hardware SuperStore”

- Located in Kansas City, Missouri
- We handle the spectrum of “Hardware Store” commodities, including paints, coatings, sealants, adhesives.
- > \$500 million in annual strategic acquisition support to the Federal community



GSA Hardware SuperStore Mission: Support Federal Environmental Mandate

- Executive Order 13101
 - Procure environmentally preferable and recovered material compliant products
 - U.S. EPA will evaluate procurement of recovered materials as part of regular multi-media compliance inspections
 - Agency self auditing programs must review recovered material procurement practices

GSA Hardware SuperStore Mission: Support Federal Environmental Mandate

- Executive Order 13148:
 - **Pollution prevention** is a means to achieve and maintain environmental compliance
- Federal Acquisition Regulation, 48 CFR 23.703:
 - Agencies must implement cost-effective contracting preference programs promoting ...**acquisition of environmentally preferable products and services**; and employ acquisition strategies that affirmatively implement the following environmental objectives...[including] maximized use of environmentally preferable products and services (based on EPA-issued guidance)...

DoD/ GSA Joint Group on Environmental Attributes (JG-EnvAtt)

- GSA and Defense Logistics Agency (DLA)
- Four Approved “Environmental Attributes”
 - EPA Comprehensive Procurement Guideline
 - Department of Energy (DOE) Energy Efficient
 - Water Conserving
 - Low- Volatile Organic Compound (Low-VOC)

<http://www.buygreen.dlis.dla.mil/aboutjgenvatt/group.html>

JG-EnvAtt's "Low-VOC" environmental attribute

- Approved in January 2000
- Federal Logistics Information System (FLIS) environmental attribute code
- Complies with most strict governing regulation within California South Coast Air Quality Management District **and** is more strict than Federal limits.



South Coast Air Quality
Management District
the clean air people



Environmental Product Delineation

- Enter appropriate “Low-VOC” codes in Federal Supply System.
- Delineate VOC content, “Low-VOC” and “California South Coast Compliant” compliance information in product descriptions
- As appropriate, flag items with “Low-VOC” and “California South Coast Compliant” icons.

Federal Supply System Codes

- Approved Environmental Attribute Codes (ENACs)
 - GR – Low VOC Architectural Coatings
 - GS – Low VOC Automobile Refinish Coatings
 - GQ – Low VOC Household Consumer Products
- **Coming Soon:** Low VOC ...
 - Marine Coatings
 - Aerospace Coatings
 - Metal Parts coatings

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Product Description Inf and Icons

- **Numerical VOC product content information** is governed by specification and/or regulation.



- **“Low-VOC”** means that this product meets the JGEnvAtt criteria for “Low-VOC”.



- **“California South Coast Compliant”** means that this product has been certified to meet or exceed applicable air emissions standards established by the California South Coast Air Quality Management District”.

Determining Product Compliance

- **Our approach:** First determine existing VOC quantitative limits for paints and coatings
 - U.S. EPA Architectural and Industrial Maintenance Coatings rule
 - Federal Specification
 - Military Specification
 - Commercial Item Description (CIDs)
 - Non-Government Standard (NGSs)

Determining Product Compliance

- **Our approach, continued:** Next, compare these existing VOC quantitative limits with the maximum allowable VOC limits established by California South Coast Rule. Delineate products accordingly.

Details

- Completed review and regulatory comparison of 105 active specifications, commercial item descriptions, and non-government standards.
- As appropriate, these standards were compared to:
 - Six CA South Coast Air Quality Management District Source Specific Standards and...
 - The CA Air Resources Board aerosol rule

CA South Coast AQMD Source Specif

- **Rule 1106**, Marine Coatings
 - **Rule 1107**, Metal Parts and Product Coatings
 - **Rule 1113**, Architectural Coatings (New limits 7/1/02)
 - **Rule 1124**, Aerospace Coatings
 - **Rule 1136**, Wood Product Coatings
 - **Rule 1145**, Plastic, Rubber and Glass Coatings
- (These specify maximum allowable VOC in grams/liter depending on application.)

<http://www.aqmd.gov/>

CA Air Resources Board

- *California Code of Regulations*, Title 17, Division 3, Chapter 1, Subchapter 8.5, Article 3, Paragraph 94522 "Standards and Requirements for Aerosol Coating Products".

(This regulation specifies maximum allowable Percent Volatile Organic Compounds by weight.)

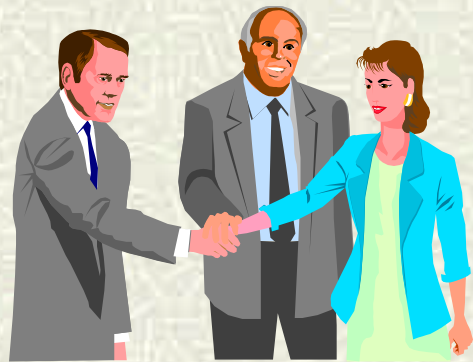
(Soon to establish new limits (6/1/2002))

<http://ccr.oal.ca.gov/>

Result

- 50 Active standards are “Low-VOC”
- These correspond to 1,692 NSNs as follows
 - 1,097 Aerospace coatings
 - 357 Metals coatings
 - 149 Marine coatings
 - 89 Architectural coatings

What does this mean to GSA customers and suppliers?



Provide Federal Supply System Support

- Approved Environmental Attribute Codes (ENACs)
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GSA Advantage

- Search by national stock number, military specification, key word
- <http://www.gsaadvantage.gov/>



GSA Advantage Search Results

- Search results provide NSN or product part number, product description, applicable icons.

[WT-MP13C-300](#)  **WESTE**

Westech Multipurpose Spray Adhesive is an enviro
variety of projects. This product is compliant for a

[Manufactu](#)
[Contractor](#)



Legend - Netscape

File Edit View Go Communicator Help

Back Forward Reload Home Search Netscape Print Security Shop Stop

Bookmarks: Netsite: <http://eagu4.fss.gsa.gov/symbol.html> What's Related

Personal Toolba Instant Message Members WebMail Connections BizJournal SmartUpdate Mktplace

GSA Advantage! on-line shopping

Symbols

These icons provide additional information about the item:

-  **WWW link** - Information is available on the World Wide Web (WWW). Click on the icon to link to the contractor's web site.
-  **VISA/MasterCard accepted**- Government Purchase Card is accepted by the contractor.
-  **NIB/NISH item**- Mandatory source item available from the [National Industries for the Blind](#) or [National Industries for the Severely Handicapped](#) under the Javits-Wagner-O'Day program.
-  **UNICOR item** - Mandatory source item available from the U.S Department of Justice, Federal Prison Industries (UNICOR) program.
-  **Environment friendly item** - Item contains environmental attributes or features (e.g. water conserving, lead-free, low VOC, chlorine free, ozone safe, etc.) as described in the item detail.
-  **Item is on sale** - A temporary price reduction is currently in effect for this item. Click on the NSN/Mfr/ Part No. to view details.
-  **Recycled content**- Item contains recycled content as described in the item detail (U.S. Environmental Protection Agency (EPA) item meeting EO 13101).
-  **Energy Star compliant**- Item is compliant with the U.S. Environmental Protection Agency (EPA's) Energy Star Computers Program.
-  **Y2K compliant** - Item is year 2000 compliant. (NOTE: THIS DATABASE IS INTENDED TO ASSIST FEDERAL AGENCIES IN MEETING THE YEAR 2000 CHALLENGE. YEAR 2000 PRODUCT COMPLIANCE INFORMATION IS BASED ON VENDOR ASSERTIONS ABOUT THEIR PRODUCTS. THE INFORMATION HAS NOT BEEN VERIFIED BY THE SPONSORS OF THIS DATABASE, AND THIS DATABASE DOES NOT CONSTITUTE ENDORSEMENT OR YEAR 2000 CERTIFICATION BY THE FEDERAL GOVERNMENT.)
-  **Energy efficient item** - Item is energy efficient as defined by EO 13123
-  **PRIME program item** - Item is included in the Navy's Plastics Removal in Marine Environment Program. Items in the PRIME program require biodegradable packing materials.
-  **NESHAP compliant** - The "as applied" formulation of this coating has been certified to meet applicable volatile organic compound and hazardous air pollutant emission limits as established by National Emissions Standards for Hazardous Air Pollutant (NESHAP) regulation, 40th Code of Federal Regulation, Part 63.
-  **GreenSeal Seal of Approval** - This product has been certified to meet or exceed voluntary standards for environmental preferability as established by GreenSeal.

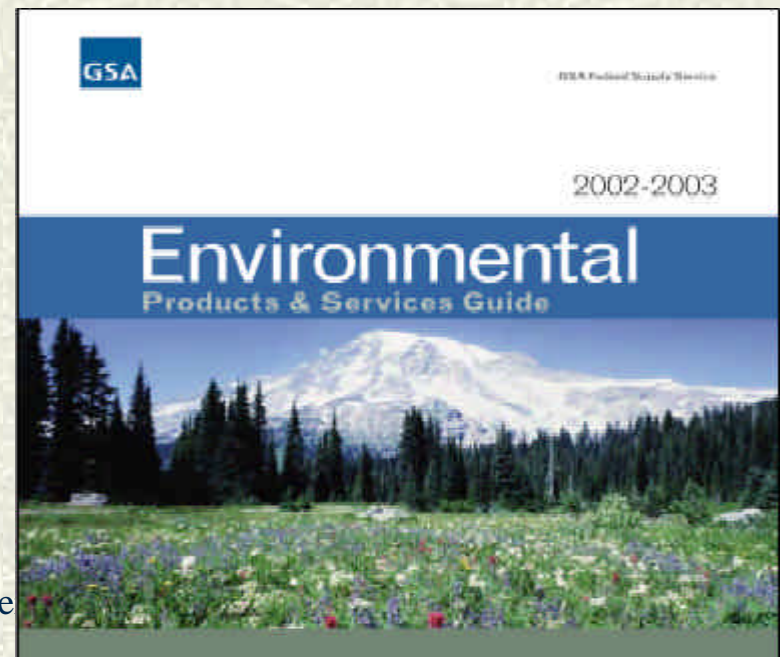
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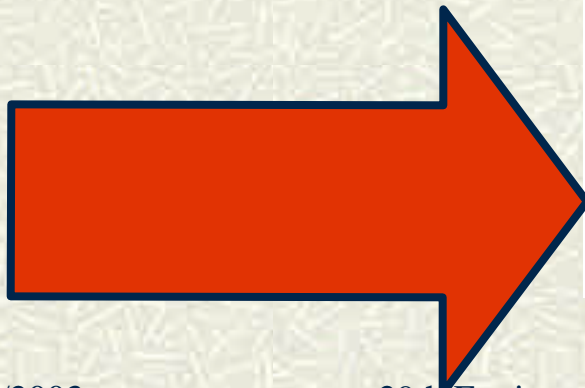
GSA's Environmental Products and Services Guide/ Customer Service

- <http://www.gsa.gov/>
 - [select “environmental programs”]
 - [select “environmental products and services guide”]
- Telephone Ordering:
 - 816-926-7315
 - DSN 465-7315



GSA's Environmental Products and Services Guide, continued


- Paints listed by type/ specification/ description.
- National Stock Numbers have applicable environmental icon symbols.




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Type II - Low Infrared Reflective chromate base corrosion inhibitor is required.

NOTE 12-month maximum shelf life (extendab

 *CFC-Free Item; Lead-Free Item Accord
ODS-Free Item; NESHAP's compliant*

 *California South Coast Air Quality Ma.*

Product Solicitations

- “Commercial”, “Stock” and “Special Order Purchase” solicitations posted on Internet:
 - Electronic Posting System – Fedbizopps - <http://www.eps.gov>

Ongoing Product Technical Service

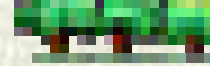
- Additional Initiatives
 - On-line product information (See FSS Environmental web page)
 - “National Emissions Standards for Hazardous Air Pollutants (NESHAP)” certificates
 - Specialty Items and New Initiatives
 - Points of Contact for Technical Assistance

NESHAP compliant items



- **Our Goal:** As requested by DoD, delineate “U.S. EPA National Emissions Standards for Hazardous Air Pollutants (NESHAP)” compliant items.
- **“NESHAP Compliant Item”:** The “as applied” formulation of this coating has been certified to meet applicable volatile organic compound and hazardous air pollutant emission limits as established by National Emissions Standards for Hazardous Air Pollutant (NESHAP) regulation, 40th Code of Federal Regulation, Part 63.
- <http://edod.net/neshap>

Specialty Items/ New Initiatives

- MIL-DTL-64159, Water Dispersible 
Aliphatic Polyurethane, Chemical Agent
Resistant Coating
- **Status:** 48 NSNs assigned to this/ Available
in 6 colors/ Low-VOC/ CA Compliant/
NESHAP Compliant

Specialty Items/ New Initiatives

- CPG compliant latex paint
 - **Status:** CID A-A-3185, 46 National Stock Numbered Items, GSA Advantage
- Soy-based paint and adhesive stripper
 - **Status:** 16 National Stock Numbered Items
- Coming Soon:
 - Green Seal certified Products
 - Water based paint strippers
 - Waterborne Acrylic Coating for Steel



Summary

- Our continual goal is to offer effective, environmentally responsible products
 - Low-VOC
 - NESHAP compliant
 - Reduced Toxics

Product Support



- GSA National Customer Service Center
 - 1-800-488-3111/ DSN 465-1416
 - Warranties are handled directly by the supplier.
- Material Safety Data Sheets
 - <http://www.dlis.dla.mil/hmirs/>
 - 1-866-588-7659, MSDS@gsa.gov

Key Ref

- **GSA Federal Supply Service:** <http://www.fss.gsa.gov/>
- **GSA Region 6 Hardware SuperStore:**
<http://r6.gsa.gov/fss/hac/>
- **GSA Region 7 General Products Center home page:**
<http://regions.fss.gsa.gov/r07/>
- **GSA Small Business Assistance Center:**
<http://www.gsa.gov/oed/>
- **Federal Acquisition Regulation web site:**
<http://www.arnet.gov/far>
- **General Reference - Code of Federal Regulations:**
<http://www.access.gpo.gov/nara/cfr/>

Key Ref

- California South Coast Air Quality Management District:
 - <http://www.aqmd.gov/>
- California Code of Regulations:
 - <http://ccr.oal.ca.gov/>
- Joint Group for Environmental Attributes:
 - <http://www.buygreen.dlis.dla.mil/aboutjgenvatt/group.html>

Key Ref

- EPA Architectural and Industrial Maintenance Rule:
 - <http://www.epa.gov/ttn/atw/183e/aim/aimpg.html>
- Aerospace NESHAP:
 - <http://www.epa.gov/ttn/atw/aerosp/aeropg.html>
- Shipbuilding NESHAP:
 - <http://www.epa.gov/ttn/atw/shipb/shipbpg.html>
- NESHAP Compliance Certificates:
 - <http://r6.gsa.gov/fss/hac/envirnmt.htm>
 - <http://edod.net/neshap>

Questions?

