

[INCH-POUND]  
A-A-59304  
8 March 1999  
SUPERSEDING  
MIL-P-87938  
16 November 1984

## COMMERCIAL ITEM DESCRIPTION

### METHYL ETHYL KETONE PEROXIDE (CATALYST)

The General Services Administration has authorized the use of this commercial item description as a replacement for MIL-P-87938 for all federal agencies.

1. **SCOPE.** This commercial item description (CID) covers one type of methyl ethyl ketone peroxide compound to be used as a catalyst to harden polyester resin at room temperature. Typical applications include glass-reinforced plastic laminates and gel coats.

## 2. SALIENT CHARACTERISTICS

2.1 Composition. The compound shall be a clear, uniform liquid with no foreign materials. It shall be a well-balanced mixture of methyl ethyl ketone peroxide and a plasticizer. The plasticizer shall be free of phthalate esters and shall be able to mix properly into the plastic formulation. It shall not cause the plastic formulation to become brittle.

2.2 Active oxygen content. The compound shall have an active oxygen content of not less than 8.7 and not more than 9.0 percent by weight when tested in accordance with the manufacturer's standard analytical test method.

2.3 Resin system. The compound shall be compatible with polyester resin systems. Each resin manufacturers product data sheet shall be consulted for specific details on catalyst ratio, working time or pot life, cure time, and other information for the particular resin system.

## 3. REGULATORY REQUIREMENTS

3.1 Material safety data sheet (MSDS). Manufacturers shall prepare and submit a MSDS in accordance with FED-STD-313 and the Code of Federal Regulations (CFR) requirements of 29 CFR 1910.1200.

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any other data which may improve this document should be sent to: Defense Supply Center Richmond (DSCR), ATTN: DSCR-VBD, 8000 Jefferson Davis Highway, Richmond, VA 23297-5678.
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AMSC N/A

FSC 6810

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

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#### 4. QUALITY ASSURANCE PROVISIONS

4.1 Product conformance. The products provided shall meet the salient characteristics of this commercial item description; shall conform to the producer's own drawings, specifications, standards, and quality assurance practices; and shall be the same product offered for sale in the commercial market. The government reserves the right to require proof of such conformance.

#### 5. PACKAGING

5.1 Preservation, packing, and marking. For acquisition purposes, the compound shall be preserved, packed, and marked as specified in the contract or order.

#### 6. NOTES

6.1 Sources of documents. For bidding purposes, copies of FED-STD-313 may be obtained from the General Services Administration, Federal Supply Service Bureau, Specification Section, Suite 8100, 479 L'Enfant Plaza SW, Washington, DC 20407.

6.2 National stock number (NSN). This CID is associated with NSN 6810-01-120-0408. Other NSNs may also correspond with this document.

6.3 Sources of supply. The commercial products listed below are known to meet the salient characteristics requirements of this CID. Other commercial products may also meet the requirements of this specification. Competition is not limited to the listed firms.

<u>Product Name</u>	<u>Manufacturer</u>
LUPERSOL DDM-9*	Elf Atochem
CADOX M50a	Akzo Nobel

MILITARY INTERESTS:

Custodians:  
Air Force - 68  
Army - AR  
Navy - OS

Reviewers:  
Army - GL  
Navy - AS

CIVIL COORDINATING AGENCY:  
GSA-10FTE

Preparing activity:  
DLA - GS  
(Project 6810-1637)