

**POLLUTION PREVENTION PROGRAM**  
**SUPPLIER MATERIAL IDENTIFICATION AND USE FORM**

PLEASE USE A SEPARATE FORM FOR EACH MATERIAL USED

**SECTION A - SUPPLIER INFORMATION**

SUPPLIER NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

TECHNICAL CONTACT PERSON: \_\_\_\_\_ PHONE: ( ) \_\_\_\_\_

GDLS PART #: \_\_\_\_\_ CONTRACT / PURCHASE ORDER #: \_\_\_\_\_

**SECTION B - MATERIAL INFORMATION**

DO YOU USE A HAZARDOUS MATERIAL TO PRODUCE THE ABOVE PART ? (Y / N) \_\_\_\_\_  
IF YES, PLEASE CONTINUE. IF NO, PLEASE SKIP TO SECTION C - PROCESS INFORMATION, BELOW.

MATERIAL NAME / CODE #: \_\_\_\_\_

MATERIAL MANUFACTURER: \_\_\_\_\_ PHONE: ( ) \_\_\_\_\_

ARE THERE EXISTING SPECIFICATIONS OR STANDARDS THAT REQUIRE THE USE OF THIS MATERIAL THAT, IF CHANGED (e.g. ALTERED, DELETED) WOULD ELIMINATE OR REDUCE THE USE OF THIS MATERIAL ? (Y / N) \_\_\_\_\_  
IF YES, PLEASE DESCRIBE THE REQUIREMENT(S) AND THE CHANGE(S) REQUIRED: \_\_\_\_\_

**NOTE: ALTERNATE APPROACHES ARE NOT AUTHORIZED FOR USE WITHOUT WRITTEN  
GDLS APPROVAL FROM GDLS PROCUREMENT**

IS A CURRENT MATERIAL SAFETY DATA SHEET (MSDS) FOR THIS MATERIAL AVAILABLE ? (Y / N) \_\_\_\_\_  
IF YES, PLEASE ATTACH A COPY. IF NO, PLEASE PROVIDE THE FOLLOWING DATA FOR THE MATERIAL:

CHEMICAL INGREDIENTS (NAME)	CHEMICAL ABSTRACT SERVICE ID (CAS #)	PERCENT CONTENT	PERMISSIBLE EXPOSURE LIMIT (PEL)	THRESHOLD LIMIT VALUE (TLV)	CARCINOGEN (Y / N)

DESCRIBE ANY POTENTIAL DETRIMENTAL IMPACT TO PERSONNEL AND / OR THE ENVIRONMENT ASSOCIATED WITH USE OF THIS MATERIAL: \_\_\_\_\_

DESCRIBE THE RECOMMENDED SAFETY AND HANDLING PROCEDURES, INCLUDING ANY PERSONAL PROTECTIVE EQUIPMENT (PPE) REQUIREMENTS ASSOCIATED WITH THIS MATERIAL: \_\_\_\_\_

DESCRIBE THE MATERIAL STORAGE REQUIREMENTS: \_\_\_\_\_

DESCRIBE THE RECOMMENDED DISPOSAL REQUIREMENTS FOR THIS MATERIAL: \_\_\_\_\_

WASTE OR UNUSED MATERIAL IS : \_\_\_\_\_ HAZARDOUS \_\_\_\_\_ NON-HAZARDOUS ; WASTE CODE: \_\_\_\_\_

**SECTION C - PROCESS INFORMATION**

PROCESS NAME / NUMBER: \_\_\_\_\_

PROVIDE A BRIEF DESCRIPTION OF THE PROCESS: \_\_\_\_\_

QUANTITY OF MATERIAL USED: \_\_\_\_\_ Pounds/Part OR \_\_\_\_\_ Pounds/Year

EXPECTED / KNOWN EMPLOYEE EXPOSURE LEVELS: \_\_\_\_\_

DOES THIS PROCESS HAVE AN AIR EMISSION ? (Y / N) \_\_\_\_\_ IF YES, PLEASE DESCRIBE: \_\_\_\_\_

DOES THIS PROCESS HAVE ANY WASTEWATER DISCHARGES ? (Y / N) \_\_\_\_\_ IF YES, IS THE DISCHARGE TO:  
\_\_\_\_ POTW, \_\_\_\_\_ SURFACE WATER, \_\_\_\_\_ OTHER: \_\_\_\_\_

IS THE DISCHARGE MONITORED ? (Y / N) \_\_\_\_\_ EXPLAIN: \_\_\_\_\_

QUANTITY OF DISCHARGE: \_\_\_\_\_ Gallons/Part OR \_\_\_\_\_ Gallons/Year

DOES THE PROCESS GENERATE ANY WASTE OR BY-PRODUCTS ? (Y / N) \_\_\_\_\_ IF YES, PLEASE DESCRIBE THE  
WASTE(S) INCLUDING TYPES AND QUANTITIES: \_\_\_\_\_

ARE THERE EXISTING SPECIFICATIONS OR STANDARDS THAT REQUIRE THE USE OF THIS PROCESS THAT, IF CHANGED  
(e.g. ALTERED, DELETED) WOULD ELIMINATE OR REDUCE THE USE OF THIS MATERIAL ? (Y / N) \_\_\_\_\_

IF YES, PLEASE DESCRIBE THE REQUIREMENT(S) AND THE CHANGE(S) REQUIRED: \_\_\_\_\_

**NOTE: ALTERNATE APPROACHES ARE NOT AUTHORIZED FOR USE WITHOUT WRITTEN  
GDLS APPROVAL FROM GDLS PROCUREMENT**

**SECTION D - MISCELLANEOUS**

DOES YOUR FACILITY HAVE AN EPA GENERATOR ID NUMBER ? (Y / N) \_\_\_\_\_

IF YES, PLEASE PROVIDE: \_\_\_\_\_ STATE: \_\_\_\_\_

DOES YOUR FACILITY HAVE ANY WASTEWATER DISCHARGE PERMITS ? (Y / N) \_\_\_\_\_

IF YES, PLEASE DESCRIBE: \_\_\_\_\_

DOES YOUR FACILITY HAVE ANY AIR DISCHARGE PERMITS ? (Y / N) \_\_\_\_\_ ; TITLE V OPERATING PERMIT? (Y / N) \_\_\_\_\_

IF YES, PLEASE DESCRIBE: \_\_\_\_\_

HAS YOUR FACILITY RECEIVED NOTICES OF VIOLATION (NOV) RELATED TO PROCESSES INVOLVED IN PRODUCING  
PARTS FOR GENERAL DYNAMICS ? (Y / N) \_\_\_\_\_ IF YES, PLEASE DESCRIBE: \_\_\_\_\_

HAVE THE NOVs BEEN RESOLVED ? (Y / N) \_\_\_\_\_ PLEASE DESCRIBE: \_\_\_\_\_

**QUESTIONS ? - CALL KEN SCOTFORD AT (810) 825-7875**

**RETURN COMPLETED FORMS TO: GENERAL DYNAMICS LAND SYSTEMS  
PO BOX 2074  
WARREN , MICHIGAN 48090-2074  
ATTN: K. SCOTFORD - MZ: 436-31-22**

**POLLUTION PREVENTION PROGRAM**  
**SUPPLIER MATERIAL IDENTIFICATION AND USE FORM**  
COMPLETION GUIDELINES

The intent of the General Dynamics Land Systems Division (GDLS) Pollution Prevention Program (PPP) is to capture data related to the use of hazardous and environmentally unacceptable materials associated with the production of weapon systems and components.

Typically, for each specific part being produced, a number of different hazardous materials (HAZMATs) are utilized and similarly, a number of different processes may utilize the same HAZMAT. A separate form is being requested for each application of a given HAZMAT.

For example, if one (1) part is being produced and five (5) HAZMATs are utilized, three (3) of which are only used in one operation and each of the others in two (2) operations each, a total of seven (7) forms should be provided.

$$\{1 \text{ part} \times [(3 \text{ HAZMATs} \times 1 \text{ operation}) + (2 \text{ HAZMATs} \times 2 \text{ operations})]\} = 7 \text{ forms necessary}$$

The following guidelines have been developed to assist with your completion of the forms and to provide clarification for some of the data items being requested. Please attach additional sheets if necessary.

1. SCOPE

- A. "Hazardous and Environmentally Unacceptable Materials" or "Hazardous Materials" (HAZMAT), for the purposes of the Pollution Prevention Program (PPP), are defined as any material containing one or more component listed in the EPA Title III List of Lists, or is a Chlorofluorocarbon, or a Halon.
- B. HAZMATs delivered as an integral component of a supplied part such as sealants, lubricants, coatings, etc. are to be considered for this program.
- C. HAZMATs used in production and/or quality assurance procedures such as machine coolants, welding rod/wire, shot blast media, cutting fluids, cleaning solvents, etc. are to be considered for this program.
- D. Raw stock materials such as steel plate, fasteners, etc., off-the-shelf materials utilized for concept mockup, and off-the-shelf materials not a part of the design specifications / delivered part need NOT be included in your reply.
- E. Only open purchase orders need to be considered for this program. Historical data for parts previously supplied is not being requested.

2. FORM: SECTION A - SUPPLIER INFORMATION

- A. This section will be used to identify the supplier, producing facility, a point of contact and the specific parts being produced under a specific purchase order.
  - If one part is being provided under more than one open purchase order, list all applicable order numbers.
- B. This section will be common to many of the forms necessary. It may be helpful to complete this section prior to making copies to reduce duplication of effort.

(Continued on reverse)

**POLLUTION PREVENTION PROGRAM**  
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COMPLETION GUIDELINES - Continued

3. FORM: SECTION B - MATERIAL INFORMATION

- A. This section will be used to identify each HAZMAT separately. If no HAZMATs are used in the production of the part(s) identified in Section A, this section may be skipped.
- B. If the material identified in this section is utilized in the production of more than one part, or in more than one operation for the same part, it may be helpful to make copies of this form prior to completing the next sections to reduce duplication of effort.
- C. If the HAZMAT is acquired from a supplier to you, the name of the material's manufacturer should be available on the container. If not, indicate "Purchased from a supplier - Manufacturer unknown".
- D. If your use of this material is required by contract, specification, regulation or some other document, please indicate the document(s) and the changes necessary that could eliminate / reduce the requirement(s).
- E. The remainder of the data requested for this section should be available on the Material Safety Data Sheet (MSDS) provided by the material's manufacturer. If the MSDS is available, attach a copy to the form. If the MSDS is not available, the data requested may be available on the container label.

4. FORM: SECTION C - PROCESS INFORMATION

- A. This section was designed to obtain process specific data for the different uses of the material.
- B. Provide actual quantity values whenever possible or the best available estimate. Please indicate if the value provided is actual or estimated.
- C. If measurements have been taken for actual employee exposure to any of the material's components, please provide the data in the space "EXPECTED / KNOWN EMPLOYEE EXPOSURE LEVELS".
- D. If this particular process is required by contract, specification, regulation or some other document, please indicate the document(s) and the changes necessary that could eliminate / reduce the requirement(s).

5. FORM: SECTION 5 - MISCELLANEOUS

- A. This section is intended to gather general information related to the facility's environmental status.
- B. This section will be common to many of the forms necessary. It may be helpful to complete this section prior to making copies to reduce duplication of effort.

We encourage and appreciate your participation in the GDLS Pollution Prevention Program and welcome your comments, ideas and concerns. If there are any questions or comments related to this form, or the GDLS Pollution Prevention Program, contact Ken Scotford at phone (810) 825-7875, or FAX (810) 825-7148. Please return completed forms to:

General Dynamics Land Systems  
PO Box 2074  
Warren, Michigan 48090-2074  
Attn: K. Scotford MZ: 436-31-22

To: Supplier's Name  
[Mailing Label]

Subject: **Pollution Prevention Program**

Enclosure: Pollution Prevention Program Supplier Material Identification and Use Form

Dear Supplier,

As directed by an Executive Order by the President of the United States, Federal Agencies, including the Department of Defense, and subsequently the Tank-Automotive Command (TACOM) are implementing comprehensive pollution prevention programs throughout the country. General Dynamics Land Systems Division (GDLS) has been tasked, as a result, to establish a Hazardous Material Identification, Prioritization and Replacement Program to minimize the use of hazardous and environmentally unacceptable materials in the design and production of weapon systems. The primary intent of this requirement is to preserve the environment, however, minimization of environmental liabilities of TACOM, GDLS and their suppliers may also be realized.

The directions we have been given require us to solicit your cooperation and assistance as a first tier supplier to GDLS. The attached form has been developed to assist you in identifying your use of materials, processes and waste generations from the manufacturing of weapon system components. The information that you supply will be included in a database which will provide the cornerstone for the Pollution Prevention Program.

The material use data for the Pollution Prevention Program will be provided to the Government along with a list of our participating suppliers. The program will influence virtually all future aspects of the weapon system programs including design and manufacturing.

Please complete and return the enclosed form for each material used and process performed by your company related to the production of weapon system components for GDLS. In addition, please forward this request to any of your first tier suppliers associated with the supply of weapon system components, and return their responses with yours.

Please note that this request does not authorize changes to the requirements of your existing Purchase Order for either specified materials or specified operations.

The intent of the GDLS Pollution Prevention Program is to offer potentially liability reducing material substitution recommendations to our suppliers. In order to accelerate the program, it is critical that you provide and update material use data on a timely basis. Please return your information within 60 days from receipt of this request.

Very truly yours,  
GENERAL DYNAMICS LAND SYSTEMS

B. Hamor  
Program Manager  
Environmental Resources Management