





#### HAZMAT Needs, Selection, Procurement and Receipt

- · Policy, procedural and legal requirements
- HAZMAT Needs
- · HAZMAT Selection: Initial Selection and already in use
- HAZMAT Procurement





## **HAZMAT Needs**

- · Intended use of the product
- Environmental conditions the product will be used under
- Method of application





#### **Choosing an adhesive**

- Intended use bonding wood to wood, metal to metal, metal to plastic, etc.
- Environmental conditions will the product withstand extreme temperatures and exposure to salt water? will substrates require joining be subjected to stress?
- Method of application spray, brush, special equipment.

#### **Choosing a Cleaning Product**

- Intended use disinfecting, degreasing, polishing, stain removing
- Environmental conditions indoors or outdoors, toxic or non-toxic, machine shop or office use.
- Method of application spray, brush, special equipment.

#### **Choosing a Oil product**

- Intended use vehicle, lawnmower, boat, high mileage, performance
- Environmental conditions indoors or outdoors, toxic or non-toxic, machine shop or office use.

## **HAZMAT Selection**

- Consider choices
- · Obtain technical data
- Assess risk
- · Conduct tests and trials
- Select material
- Develop specifications

#### **HAZMAT Lifecycle Costs**

- Transport
- Specialized storage facilities or lockers
- Cost to educate the workers
- Mechanical control measures and/or PPE
- Maintenance costs
- Inventories
- Data collection
- Clean-up costs
- Disposal costs

#### **Alternatives**

- DAOD 4003-1: minimize HAZMAT use wherever practicable
- Less hazardous products should be chosen.
- Be aware of substitutions and alternatives check manufacturer's requirements, Mil Specs and Base HAZMAT Control Authority

#### **Assess Risk**

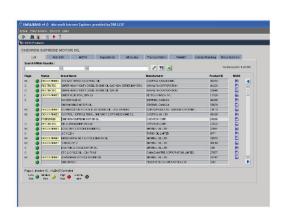
- Schedule 1 of CEPA
- Hazardous Materials Preferred Product Selector (HMPPS)
- Hazardous Materials Reference Application (HMRA)
- Base HAZMAT Coordinator

#### Schedule 1 - CEPA



# Hazardous Materials Reference Application (HMRA)

- · Green is low risk
- Yellow is medium risk
- · Red is high risk
- Toxicological properties can be identified.



### **Selection of Product Already In Use**

Your Unit must determine:

- if the initial selection process was previously completed
- if there are any hazards associated with the products based on its past
- If new regulatory restrictions are in force
- if alternatives have become available

## **HAZMAT Procurement**

- Select the source of supply and means of procurement
- Identify and approve products
- Make appropriate material data entries (e.g. inventory)

## **HAZMAT** Receipt

When receiving a product, ensure:

- The condition of the product is satisfactory
- Appropriate documentation accompanied (packing slip & SDS)
- · Product is inventoried
- · Product is correctly stored
- SDS provided to Base HAZMAT Officer





# **HMRA**

http://admmat.mil.ca/dgmssc/dsco/en/tools\_resources\_hmra\_e.asp