



NAVAL SHIP MISSILE SYSTEMS  
ENGINEERING STATION  
PORT HUENEME, CALIFORNIA 93041

IN REPLY REFER TO:

4421/ATC/1220

FEB 4 72

From: Commanding Officer, Naval Ship Missile Systems Engineering Station  
To: Distribution List

Subj: Corrosion Inhibitor Demoisurant, Sprayon #711; evaluation of

1. Due to the rising cost of CRC-3.36 and the need to qualify additional products equivalent to or superior to CRC-3.36, the Missile Engineering Station is currently in the process of evaluating different Corrosion Preventative Compounds suitable for Surface Missile System application.

2. The subject product was developed for Sprayon Products Incorporated in conformance with specifications generated by the Missile Engineering Station. These specifications were extracted from various Federal and Military specifications such as; MIL-C-23411, MIL-C-81039, MIL-C-16173D and Federal Specification Q-W-001284. This product has not as yet been commercially marketed pending evaluation for Surface Missile System (SMS) use.

3. Sprayon #711 is currently being evaluated on SMS equipment to obtain data under shipboard environment conditions such as salt spray, heat, cold, etc., in cases where a corrosion preventative compound is required.

4. Six cases of the subject product are being shipped to addressees through the NSMES representative at each station. It is requested that Sprayon #711 be utilized by the Naval Weapons Station as an equivalent to the presently used CRC-3.36 for missile applications for a two month period to obtain an evaluation of its use on missiles and/or other Weapon Station uses. This evaluation will be added to the overall SMS evaluation being performed by the Missile Engineering Station.

5. It is further requested that all uses of Sprayon #711 be documented and the results forwarded to the Missile Engineering Station (Attn: Code 4400) at the end of the two month period or the complete use of the product, whichever comes first. When used on missiles that will be loaded out, it is requested that the missile serial number and ship on which loaded out, be reported in order to track the missile in the Fleet for continued evaluation.

Distribution List  
NWS Yorktown  
NWS Seal Beach  
NWS Concord  
NWS Charleston

L. F. GUENZEL  
By direction

GUIDED MISSILE LAUNCHING SYSTEM MK 10 MODS 0 THRU 8  
PRESERVATION AND DE-PRESERVATION  
PROCEDURES AND REQUIREMENTS FOR  
TEMPORARY LONG TERM SHUTDOWN

2. MASTER MATERIALS LIST

QTY.

Corrosion Preventative (WS14138) Type I or II As Req'd.  
SPRAYON #711 meets the requirements of  
WS 14138 and is packaged in the following size  
containers:

SPRAYON #711 Type I  
16 ounce aerosol spray cans (FSN 1A9150-HDU-1304)

SPRAYON #711 TYPE II  
1 gallon (bulk) containers (FSN 1A9150-HDU-1303)  
55 gallon (bulk) containers (FSN 1A9150-HDU-1305)

Manufacturers:

SPRAYON Products Inc.  
3818 East Coronado St.  
Anaheim, California 92806

SPRAYON Products Inc.  
26300 Fargo Ave.  
Bedford Heights, Ohio 44146

Corrosion Preventative (MIL-C-16173)  
Grade 2 (P2) 30 gals.

Silicone Grease (Dow Corning - 55 -  
pneumatic grease) MIL-G-4343 4 eight ounce  
tubes

Silicone Lubricant (aerosol spray cans)  
"Silicone Slick Spray" 5 six ounce  
cans per RSR

Manufacturer:  
Glidden Co.

Barrier Material (MIL-B-121 Type 1 Grade A) As Req'd.