

Canadian General Standards Board

CGSB

Office des normes générales du Canada

ONGC

**1-GP-15b
December 1968**

**(F) 1-GP-15b
Décembre 1968**

CANCELLATION

January 1983

**CANADIAN GENERAL
STANDARDS BOARD**

Standard for

**PAINT: WEB EQUIPMENT DRESSING,
WATERPROOF**

This standard is hereby cancelled. This type of material no longer exists.

ANNULATION

Janvier 1983

**OFFICE DES NORMES
GÉNÉRALES DU CANADA**

Norme

**PEINTURE, PRÉPARATION HYDROFUGE
POUR MATÉRIEL EN FORTE TOILE**

Cette norme est annulée par la présente. Ce type de matériel n'existe plus.

CANADIAN GOVERNMENT SPECIFICATIONS BOARD

Standard
for

PAINT, WEB EQUIPMENT DRESSING, WATERPROOF

4. GENERAL REQUIREMENTS

4.1 Change to read:

Material complying with this specification shall consist of suitable pigment mixtures adequately dispersed in a latex vehicle and shall be homogeneous upon shaking and shall be capable of being uniformly applied by brush, cloth or roller without lapping or streaking.

4.4 Delete par. 4.4.

4.5 Renumber to par. 4.4

6. PREPARATION FOR DELIVERY

6.2 Labelling

After--"each container," add "and each shipping carton."

Also after Directions for Cleaning, add a new line:

Caution: KEEP FROM FREEZING



CANADIAN GOVERNMENT SPECIFICATIONS BOARD

350
250

SPECIFICATION
FOR
PAINT: WEB EQUIPMENT DRESSING, WATERPROOF

1-GP-15b

31 DECEMBER 1968

SUPERSEDES 1-GP-15A
20 JULY 1962

THIS SPECIFICATION HAS BEEN PREPARED BY A GOVERNMENT -
INDUSTRY COMMITTEE TO COMPLY WITH THE SPECIFIC REQUIREMENTS
OF THE FEDERAL GOVERNMENT IT IS INTENDED FOR USE IN A
PROCUREMENT SYSTEM THAT INCLUDES INSPECTION PROCEDURES TO
ENSURE COMPLIANCE WITH THE REQUIREMENTS OF THE SPECIFICATION
AND ITS USE WITHOUT SUCH INSPECTION PROCEDURES MAY NOT BE
ADVISEABLE.

THIS SPECIFICATION APPLIES TO COATING MATERIAL SUITABLE FOR USE AS A
WATERPROOF DRESSING FOR WEB EQUIPMENT.

DEPARTMENT OF DEFENCE PRODUCTION, OTTAWA, CANADA

COMMITTEE ON PAINTS, PIGMENTS AND RELATED COMMODITIES

and

Aeronautical, Equipment and Ammunition Subcommittee

(Membership at date of approval by the Committee)

Armstrong, W.N.B.	Ontario Research Foundation
Ashton, H.E.	National Research Council
Attendu, M.C.	Québec Hydro
Barry, E.	Canadian Paint Manufacturers Assn.
Buchanan, L.B.	Department of National Defence
Cheesman, H.	Department of National Defence
Chivers, Capt. G.G.	Department of National Defence
Conen, A.J.	Interchem of Canada Limited
Conley, R.J.	Department of National Defence
Delamater, K.	Sico Inc.
Dingley, W.	Dept. of Energy, Mines and Resources
Flesher, G.	Department of Defence Production
Gareau, A.	Ministère de l'Industrie et du Commerce, Québec
Giltrow, F.	General Paint Corporation
Girard, J.G. (Subcommittee Chairman)	Department of National Defence
Hargrave, D.	Sherwin-Williams Co. of Canada Limited
Harrington, J.M.	Dept. of Rural Development and Forestry
Head, E.M.	Canadian Pittsburgh Industries Limited
Hebdige, B.A.	International Paints (Canada) Limited
Honsberger, G.F.	Roxalin of Canada Limited
Horrocks, D.	Mobil Paint Company
Hughes, L.	Interchem of Canada Limited
Kelly, B.W.	Department of National Defence
Krayer-Krauss, E.	Crown Diamond Paint Company
Latham, W.A.	Canadian Penitentiary Service
Laycraft, N.E. (Chairman)	Department of Public Works
LeBlanc, M.A.	Canadian Arsenals Limited
Michell, Dr. J.H.	Canadian Industries Limited
Moore, A.J.	Stephens Paints Limited
Nickells, R.	British America Paint Company Limited
Power, J.M.	Department of National Defence
Reeves, J.W.	Department of National Defence
Rocque, G.	Canadian Arsenals Limited
Rubec, P.	Department of Public Works
Smith, G.	MacDonald and White Varnish and Paint Co. Ltd.
Steele, F.L.	The Glidden Company Limited
Stubbs, K.E.	Department of Public Works
Tate, H.W.	Department of National Defence
Tremblay, M.	Canadian Arsenals Limited
Watt, J.S.	National Harbours Board

Standards Officer - W.J. Ireland, CGSB

1-GP-15b
31 December 1968
Supersedes 1-GP-15a
20 July 1962

CANADIAN GOVERNMENT SPECIFICATIONS BOARD

Specification
for

PAINT: WEB EQUIPMENT DRESSING, WATERPROOF

1. DEFINITION

1.1 This specification applies to coating material suitable for use as a waterproof dressing for web equipment.

2. APPLICABLE PUBLICATIONS

2.1 The following publications are applicable to this specification:

2.1.1 CGSB 1-GP-71, Methods of Testing Paints and Pigments.

2.1.2 CGSB 4-GP-2, Canadian Standard Textile Test Methods.

2.1.3 ASTM Standards on Paint, Varnish, Lacquer and Related Products.

2.2 Reference to the above publications, to test methods therein, and to other specifications is to the issues in effect on the date of invitation to tender, unless otherwise specified.

3. CLASSIFICATION

3.1 The web equipment dressing paint shall be supplied in one class.

4. GENERAL REQUIREMENTS

4.1 Material complying with this specification shall be homogeneous upon shaking, and shall be capable of being uniformly applied by brush, cloth or roller without lapping or streaking.

4.2 When evenly applied, the material shall cleanse or cover marks on web equipment, and when dry, shall present and retain an even, consistent color under ordinary conditions of wear. The coating material shall not rub off on uniforms.

4.3 The material shall not contain wax, shall not be flammable, shall be free from disagreeable fumes or odors, and shall not injure the skin.

4.4 The material shall not be damaged by freezing.

4.5 When stored in the original unopened containers at a temperature ranging normally between 40 and 80°F (4 and 27°C), the material shall comply with the requirements of the specification for at least 12 months from the date of delivery, except for some variation in viscosity. The material shall not have a disagreeable odor during or after application.

5. DETAIL REQUIREMENTS

Paint to this specification shall comply with the following detail requirements:

				Test Method	
		<u>Min</u>	<u>Max</u>	<u>1-GP-71</u>	<u>ASTM</u>
5.1	Consistency, Krebs Units	60	85	4.5	-
5.2	Hiding Power, sq ft/gal			14.1	-
5.2.1	White 513-301	400	-		
5.2.2	Green 503-320 (olive green)	500	-		
5.2.3	Green 503-321 (olive drab)	500	-		
5.2.4	Brown 504-308 (khaki)	500	-		
5.2.5	Black 512-301	500	-		
5.3	Fineness of Grind, Hegman	2	-	-	D1210
5.4	Volatile Matter, % by wt	-	60	17.1	-
5.5	Lead	-	NIL	-	D34
5.6	Cleansability	shall pass		114.1	-

5.7 Color - The paint shall conform to such of the following 1-GP-12c flat colors as may be specified by the purchaser:

Green 503-320 (olive green)
 Green 503-321 (olive drab)
 Brown 504-308 (khaki)
 Black 512-301
 White 513-301

5.8 Drying Time - The material shall be sufficiently dry in one hour to permit handling of coated articles without surface damage.

Par. 7.4

5.9 Flexibility - 48 hours after application of the paint (par. 7.4), the coated section of the web shall not be any stiffer than the uncoated section when flexed by hand under standard conditions (Method 103.1). At the same time the coated section, when flexed over a $\frac{1}{4}$ in. mandrel and examined after one flex, shall show no excessive cracking, no loss of adhesion and no flaking. Cracking due to normal opening of the weave shall not be considered a defect.

1-GP-71, Method 119.4

5.10 Washability - After drying for 7 days, a film of the material shall withstand 500 cycles without wearing through.

1-GP-71, Method 125.2

5.11 Resistance to Rubbing (Crocking) - When 6-inch lengths of web belt, coated as described in par. 7.4, are tested by the dry rubbing method, there shall be no change in the color of the rubbed area and the test fabric shall show no staining greater than Grey Scale 4; when tested by the wet (water) rubbing method, there shall be no change greater than Grey Scale 4 in the rubbed area and the test fabric shall show no more staining than Grey Scale 3.

4-GP-2, Method 22*

6. PREPARATION FOR DELIVERY

6.1 Unless otherwise specified, commercial packaging, packing and marking shall be acceptable.

6.2 Labelling - In addition to the labelling requirements of any relevant Acts or Regulations, each container shall be suitably marked or labelled to show the following information:

Manufacturer's Name and Address
Name of Material
CGSB Specification No.
Color
Qualification No. (when required)
Manufacturer's Batch No.
Manufacturer's Code No.
Date of Manufacture
Directions for Application
Directions for Cleaning

7. INSPECTION

7.1 Sampling

7.1.1 A single unopened container, selected at random from each lot of 500 containers or less, shall be supplied for test, provided that at least one sample is taken from each batch.

7.1.2 When containers are of less than one pint capacity, a sufficient number shall be taken to provide not less than one pint from each lot.

7.1.3 Care shall be taken that original containers are well shaken before samples are withdrawn, and that individual test samples are well shaken before testing.

7.2 Testing - The methods of test shall be as specified with each requirements.

7.3 Classification of Tests - Tests for determining compliance with this specification shall be classified as follows:

* Except that the test cloth shall be black, of similar light construction, and acceptable to the purchaser and paint supplier.

- 7.3.1 Qualification Tests - Those tests that are performed on samples submitted for qualification as a satisfactory product. They shall consist of all the tests necessary to establish compliance with the requirements of this specification.
- 7.3.2 Lot Acceptance Tests - Those tests that are used to determine the acceptability of a lot or batch of a qualified product. The inspecting authority may request the testing of material for compliance with any of the requirements of this specification and may reject a lot or batch on the basis of any requirement in the specification.
- 7.4 Application of Web Cleaner - A clean new Belt, Trouser, Webbing, Cl, Khaki, shall be used*. A 6 in. length shall be marked and firmly attached to a wooden board. 5 ml of the well-mixed sample paint shall be poured evenly down the center of the specimen and worked in well at once with a clothes brush complying with CGSB 22-GP-16. The material shall be worked in vigorously for 1 minute using rotary strokes, and allowed to dry for 10 min; a second coat shall be applied in the same manner. The treated belt shall be allowed to dry 30 min and shall then be buffed vigorously with a clean dry brush until a glossy finish is produced (normally 5 to 10 min).

8. NOTES

8.1 Intended Uses - Paint complying with this specification is intended for use on web equipment (personal issue) as a dressing and waterproof protective coating.

8.2 Ordering Data - The purchaser should specify color, packaging, packing and marking details if commercial practice is not acceptable; and if a qualified product is required.

8.3 Qualification

8.3.1 Qualification Procedure - Details regarding the procedure for qualification of 1-GP-15 Web Equipment Dressing may be obtained from:

Quality Assurance Division,
Technical Services Branch,
Canadian Forces Headquarters,
Department of National Defence,
Ottawa 4, Canada.

The laboratories are located in the Canadian Government Printing Bureau Building, Sacré-Coeur Blvd., Hull, P.Q.

8.3.2 Qualified Products - Federal government departments and agencies may also obtain information from the above address regarding availability of qualified products.

* Suitable material may be obtained through the Quality Assurance Division, Technical Services Branch, Department of National Defence, Canadian Forces Headquarters, Ottawa 4, Canada.

8.4 The publications referred to in par. 2.1.1 and 2.1.2 are obtainable from the CGSB.

8.5 The publication referred to in par. 2.1.3 is obtainable from the American Society for Testing and Materials, 1916 Race Street, Philadelphia, Pa. 19103, U.S.A.

Withdrawn/Retirée

Correspondence regarding this specification should be addressed to the Canadian Government Specifications Board, c/o Department of Defence Production, Ottawa 4, Canada.