

INTERNATIONAL
STANDARD

ISO
19403-1

First edition
2017-06

Paints and varnishes — Wettability —
Part 1:
Terminology and general principles

Peintures et vernis — Mouillabilité —

Partie 1: Terminologie et principes généraux



Reference number
ISO 19403-1:2017(E)

© ISO 2017



COPYRIGHT PROTECTED DOCUMENT

© ISO 2017, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
3.1 Determination of the surface free energy.....	1
3.2 Determination of the surface tension of liquids.....	3
4 General principles	5
4.1 Principles for the determination of the surface free energy.....	5
4.2 Principles for the measurement of the surface tension at the pendant drop.....	6
Bibliography	9