

International Journal of Adhesion and Adhesives

List of Keywords

Authors should select a maximum of four keywords from this list. Each keyword should be accompanied by the capital letter denoting the category from which the keyword has been selected. Authors may also choose two keywords not appearing in this list.

A. ADHESIVE MATERIALS

adhesives for wood
antibacterial adhesives
biodegradable adhesive
carbon nanotubes
carboxylic acid monomers
cyanoacrylate
electrically conductive adhesives
epoxides
high temperature adhesives
hot melt
latex and dispersion
methacrylate functional silane
MMP inhibitors
nanofillers
novel adhesives
phenolic
phosphate acid monomers
polyurethane

pressure-sensitive
primers and coupling agents
resin composite cements
rubbers
sealants
self-adhesive resin cements
self-etch adhesive
self-etch primer
silicones
structural acrylics
solvent based
toughened adhesives
total-etch
water based

B. SUBSTRATES

Alumina
aluminium and alloys
ceramics
composites
concrete
enamel
dentine
feldspathic glass
fibres
glass
leucite
lithium disilicate
metals
plastics

resin-based composites
rubbers
steels
surface treatment
surface treatment by excited gases (e.g. flame, corona, plasma)
surface treatment by chemical solutions
surface roughness/morphology
titanium and alloys
wood and wood composites
zirconia

C. TECHNIQUES

atomic force microscopy
brazilian fracture test
contact angles
confocal microscopy
destructive testing
dielectric spectroscopy
dual-cure
dynamic mechanical analysis
fatigue
finite element stress analysis
fractography
fracture
fracture mechanics
fracture toughness
infrared spectroscopy
joint design
lap-shear

non-destructive testing
macro-shear
macro-tensile
microscopy
micro-shear
micro-tensile
peel
photopolymerisation
push-out bond strength
rheology
secondary ion mass spectrometry
silanisation
stress analysis
structure property relations
thermal analysis
wedge tests
x-ray photoelectron spectroscopy

D. PROPERTIES & PHENOMENA

acid-base interactions

adhesion / non-stick

adhesion by chemical bonding

adhesion by diffusion

adhesion by mechanical interlocking

adhesion by physical adsorption

adhesion in surgery and medicine

aging

boundary layers

cohesion

cure / hardening

biological adhesion

cohesive zone model

creep / mechanical relaxation

cure / hardening by radiation (e.g. electron beam, UV)

delamination

hybrid layer

demineralisation

durability

elastic modulus

environmental issues

enzymatic degradation

fatigue

film thickness

flexural modulus

fracture

free radicals

glass transition temperature

health and safety

hybrid joints

interfaces

interphases

impact

mechanical properties of adhesives

microleakage

nanoleakage

photoinitiation

radiopacity

recycling

remineralisation

shrinkage stress

stress distribution

tack

viscoelasticity

water resistance

wettability