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     pressure-sensitive
antibacterial adhesives    resin composite cements
biodegradable adhesive    rubbers
carbon nanotubes     sealants
carboxylic acid monomers    self-adhesive resin cements
eyanoacrylate     self-etch adhesive
electrically conductive adhesives    self-etch primer
epoxydes     silicones
high temperature adhesives    structural acrylics
hot melt     toughened adhesives
latex and dispersion     total-etch
methacrylate functional silane     water based
MMP inhibitors     
nanofillers
novel adhesives     
phenolic
phosphate acid monomers     
polyurethane

B. SUBSTRATES
Alumina     resin-based composites
aluminium and alloys     rubbers
ceramics     steels
composites     surface treatment
concrete     surface treatment by excited gases (e.g. flame, corona, plasma)
endellite     surface treatment by chemical solutions
dentine     surface roughness/morphology
feldspathic glass     titanium and alloys
fibres     wood and wood composites
glass     zirconia
leucite
lithium disilicate
metals
plastics

C. TECHNIQUES
atomic force microscopy     non-destructive testing
brazilian fracture test      macro-shear
contact angles     macro-tensile
confocal microscopy     microscopy
destructive testing     micro-shear
dielectric spectroscopy     micro-tensile
dual-cure     peel
dynamic mechanical analysis     photopolymerisation
fatigue     push-out bond strength
finite element stress analysis     rheology
fractography
fracture     secondary ion mass spectrometry
fracture mechanics     silanisation
fracture toughness     stress analysis
infrared spectroscopy     structure property relations
joint design     thermal analysis
lap-shear     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