

Technical Data Sheet



Eclectic Products, Inc.
Manufacturing Facility
101 Dixie Mae Drive
Pineville, Louisiana
eclecticproducts.com
800.349.4667

ISO 9001:2008
Compliant
Quality Management
Systems

Administration Office
Eugene, Oregon
eclecticproducts.com
800.693.4667



E6000® CRAFT ADHESIVE

Clear, Black and White

PRODUCT DESCRIPTION

E6000® Craft is uniquely formulated to meet high-performance industrial requirements, thus making it an excellent craft adhesive. It is washer/dryer safe, paintable, and extremely flexible. E6000 has exceptional adhesion to wood, metal, glass, fiberglass, ceramics, masonry and concrete. It also adheres strongly to leather, rubber, vinyl and many plastics.

WHERE TO USE / APPLICATIONS

Use on all your craft projects requiring a permanent bond. Available colors are: clear, black and white.

FEATURES AND BENEFITS

- EASY TO USE** – easy squeeze tube
- FLEXIBLE** – does not become brittle in cold weather
- CHEMICAL RESISTANT** – safe for applications exposed to dilute acids and dilute caustics
- ABRASION RESISTANT** – great for bonding objects subject to normal wear
- WASHER/DRYER SAFE** – maintains bond even after washing and drying
- PAINTABLE** – paint to match surrounding area or to make UV resistant

TECHNICAL INFORMATION

PROPERTIES	
UNCURED MATERIAL	
Color:	Clear, Black and White
VOC:	2 grams/liter
Solvent:	Perchloroethylene
Non-flammable:	Yes
Density:	11.0 +/-0.1 lbs/gal
Solids:	30% by weight, 40% by volume
Viscosity:	100,000 cps
Tack time:	~ 4 minutes
Set time:	20 minutes*
Full cure time:	Thin film: 24 hours / Thick film: 48-72 hours
Storage:	Ideal temperature range: 50 to 80 °F (10 and 27 °C). Product may thicken when stored in colder temperatures. If product thickens from colder temperatures, warm to room temperature before use.
Freeze/thaw stability:	Stable, allow product to warm to room temperature before using
Shelf life:	2 years (unopened)
<i>*Depending on material, humidity and temperature.</i>	
CURED MATERIAL	
Chemical resistance:	Excellent to water, dilute bases
Hardness:	80 Shore A
Dielectric strength:	400V/mil (ASTM D-149); this is the maximum voltage that can be applied to a given material without causing it to break down
Tensile strength:	3500 lb/in ² (ASTM D-412)
Elongation:	900% (ASTM D-412)
Service temperature:	-40 to 150 °F (-40 to 66 °C)

Technical Data Sheet



E6000® CRAFT ADHESIVE

Clear, Black and White



ADHESION TEST – 180° Peel Strength Test - ASTM D 903				
Aluminum	Birch (wood)	Glass	PVC	Steel
35 pli	40 pli	34 pli	38 pli	45 pli

Avg. Max Load Measured in pli (pounds per linear inch)

CHEMICALS THAT HAVE LITTLE OR NO EFFECT ON E6000®

Acetic acid (5% and 10%)	E6000® exhibits excellent resistance to dilute acids and dilute bases.
Ammonium hydroxide (3.4%)	Thin films of E6000 were immersed in various chemicals for two weeks and exhibited weight gains of less than 2% and tensile strength loss of less than 10%. These chemicals are listed on the left. All percentages are given by weight unless otherwise noted.
Ammonium nitrate (50%)	
Antifreeze	
Beer (3.2% alcohol by volume)	
Boric acid (3.1%)	
Distilled water	
Hydraulic oil	
Lactic acid (3.8%)	
Milk (fresh, tested at 40 °F)	
Motor oil (30w)	
Nitric acid (10% and 20%)	
Oxalic acid (3.1%)	
Phosphoric acid (30% and 60% as P ₂ O ₅)	
Potassium hydroxide (3.4%)	
Sodium carbonates (2.7%)	
Sodium chloride (10%)	
Sulfuric acid (3% and 10%)	
Wine (20% alcohol by volume)	

SOLVENTS THAT DISSOLVE AMAZING E6000®

Chevron solvent 1100	These are common solvents that dissolve E6000® when hardened samples were immersed. The dissolution with these solvents was not instantaneous and therefore does not preclude usage in all cases. Applications where an occasional splash or brief exposure is expected may be acceptable. Test a small area before full use.
Chlorothane NU	
Cyclohexane	
Gasoline	
Perchloroethylene	
Propyl acetate	
Toluene	

DIRECTIONS and APPLICATION NOTES

Read directions and test small area before use. Surface should be clean, dry and free of dirt. For best results, lightly roughen surface before use. Apply directly to surfaces to be bonded or repaired. Allow 24 hours for curing—Maximum bond strength may not be reached for up to 72 hours. For future easy cap removal, apply a thin coat of petroleum jelly to the threads of the tube before replacing the cap. Clean uncured adhesive with acetone or citrus-based solvents.

HEALTH and SAFETY

United States | WARNING: POSSIBLE CANCER AGENT. EXPOSURE MAY RESULT IN NAUSEA, HEADACHE, CONFUSION OR INSTABILITY. MAY BE HARMFUL BY BREATHING VAPORS. EXPOSURE MAY CAUSE KIDNEY DAMAGE. Contains perchloroethylene. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful. WARNING: This product contains a chemical known to the State of California to cause cancer. Avoid breathing vapors. Use exhaust fan to remove vapors and ensure adequate cross ventilation. When using, do not eat, drink or smoke. Avoid contact with skin. Wash thoroughly after handling. First Aid: If symptoms occur, move to fresh air. If symptoms persist, see a physician. If swallowed, do not induce vomiting. For further health information, contact a poison control center. Keep out of reach of children. CONFORMS TO ASTM D-4236

HEALTH and SAFETY (continued next page)



E6000[®] CRAFT ADHESIVE

Clear, Black and White

HEALTH and SAFETY (continued)

Canada | FUMES MAY BE HARMFUL. MAY IRRITATE EYES. Do not breathe fumes. Do not get in eyes or on skin. Use only in a well-ventilated area. Keep out of reach of children.

FIRST AID TREATMENT: Contains perchloroethylene. If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting. If breathed in, move person into fresh air. If in eyes or on skin, rinse well with water for 15 minutes. May cause dizziness, headache or nausea. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful. Possible cancer agent. Exposure may cause kidney damage. Open windows and doors during application and curing.

Before working with this product, read and become familiar with information concerning hazards, proper use and handling. SDS is available on line at:

eclecticproducts.com/downloads/sds-e6000-clear-english.pdf ;

eclecticproducts.com/downloads/sds-e6000-clear-french.pdf ;

eclecticproducts.com/downloads/sds-e6000-clear-spanish.pdf ;

eclecticproducts.com/downloads/sds-e6000-black-english.pdf ;

eclecticproducts.com/downloads/sds-e6000-black-french.pdf ;

eclecticproducts.com/downloads/sds-e6000-black-spanish.pdf ;

eclecticproducts.com/downloads/sds-e6000-white-english.pdf ;

eclecticproducts.com/downloads/sds-e6000-white-french.pdf ;

eclecticproducts.com/downloads/sds-e6000-white-spanish.pdf ;

to request a hard copy of the SDS, please send an e-mail to sds@eclecticproducts.com or call 800.333.9826.

LIMITED WARRANTY

The product is warranted against any defect in materials or workmanship under normal use for a period of 180 days after the date of purchase. The product is also warranted under any implied warranties provided under applicable state law, including, without limitation, the implied warranty of merchantability and the implied warranty of fitness for a particular purpose, for a period of 180 days after the date of purchase. This warranty covers only the original buyer of the product. For warranty service, the buyer should contact the store where the product was purchased, or write Eclectic Products, Inc., P.O. Box 4450, Pineville LA 71361 or call 800.767.4667. This warranty gives you specific legal rights, and you also have other rights, which vary from state to state.