

Silaprene®

AEROSOL PRODUCTS



High Performance Aerosols for the Most Demanding Applications

Silaprene® Glu-Tite Aerosol Canisters

The Glu-Tite canister line was designed to accommodate larger scale users of aerosol adhesives. Those applications which require the ease of aerosol bonding with the demand for a larger surface area such as bus or RV headliners, boat carpeting or various other trim applications in the transportation, marine, foam fabricating, and general industrial markets.



Glu-Tite DC12956
General Purpose Web is a canister version of our Silaprene DC12886 General Purpose Web Aerosol Adhesive. It is used for applications which require high tack, long open time, permanent or temporary bonding for general assembly applications. This product bonds well to most substrates including polyurethane and polypropylene.



Glu-Tite DC12957 Hi-Performance is the canister version of our Hi-Bond 1000. This web adhesive can be used in the most demanding applications where water resistance, excellent adhesion, and above the belt line temperatures are going to be encountered. DC 12957 has temperature resistance of up to 255°F.

Silaprene® Aerosol Adhesives



DC12886 General Purpose Web Aerosol Adhesive is a quick, high tack, general purpose web adhesives for general assembly applications. This product can be applied on one or both substrates for temporary and permanent bonding applications. DC12886 has long open time with the ability to adhere difficult to bond plastics.



DC12934 General Purpose Mist Aerosol Adhesive has a high tack low misting fine particle round pattern. It is designed to give permanent or temporary bonds to most light weight materials including foams, paper, cardboard, felt, cloth, metals, wood and most plastics.



DC12653 Hi-Bond 1000 is a high strength, high temperature, 255°F, resistant web aerosol adhesive. It was designed for the toughest applications including bonding polyethylene and polypropylene. This aerosol can be used for above the belt line automotive applications along with marine applications that require excellent water



DC13039 Foam and Fabric Web Aerosol Adhesive is a premium foam & fabric adhesive. It was designed to give permanent, low soak through, non-dimpling, bonds to various foams, fabrics and wood. This product was made specifically for use in the furniture, and foam fabrication markets.

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10/9/03 **TECHNICAL SALES BULLETIN**

SILAPRENE® HI-BOND 1000 DC 12653 AEROSOL HI TEMPERATURE WEB CONTACT ADHESIVE

HI-BOND 1000 is a high quality synthetic rubber general purpose aerosol contact adhesive. This product offers high initial tack for contact bonding, while also giving excellent bonds at elevated temperatures. HI-BOND 1000 forms strong permanent bonds between porous and non-porous surfaces such as carpets, liners, foam, wood, plastic and FRP. Other features include:

- No chlorinated solvents
- No ozone depleting substances
- HAPS Free
- Strong water and temperature resistant bonds

Applications include:

- Marine bonding to FRP and gelcoat
- Headliners
- HPL
- Difficult plastics
- Rubber or carpet to wood and metal

SURFACE PREPARATION

Clean, dry, dust-free surfaces are required for optimum bond strength. Surface temperatures should be maintained at temperatures above 40° F. The adhesive should be applied in smooth even coats to both surfaces and adequate pressure applied to assure complete contact

APPLICATION METHODS

- Shake can well before use.
- Always direct arrow & spray toward surface to be bonded, holding can 6-10 inches from bonding surface and apply in even coats.
- Spray both surfaces and allow 2-4 minutes for drying.
- Bond both surfaces together with maximum uniform pressure over entire surface.
- Always test production pieces in typical bonding & operating conditions for best application techniques and compatibility.
- If clogging occurs clean tip & valve with acetone.

TECHNICAL DATA

<i>Physical Properties</i>	<i>(Typical)</i>
Base:	Synthetic Rubber (DC 12137)
Solids:	12%
Solvents:	Acetone, Propane, Pentane, Cyclohexane, Isobutane, and DME
Color:	Light Amber
Open Tack Time:	10-15 Minutes
Can net wt.	13 oz.
Shelf Life:	9 months when stored below 80°F in unopened containers.
7 day 180° Peel (cotton duck/CRS)	20-25 pli
7 day Shear (1/8" birch plywood /itself)	200-225psi
SAFT	240° F

CLEAN-UP

Acetone is recommended for cleaning equipment and over spray. Other solvents will provide varying degrees of cleaning capability.

PRECAUTIONARY DATA

Flammable. Keep from sparks and open flames. For Professional/Industrial use only.

- Read label and Material Safety Data Sheet carefully before use.
- Keep away from children.
- Do not puncture or incinerate containers.
- Do not store at temperatures above 120° F

DISPOSAL INFORMATION

Do not reuse container or remove label. Safely dispose of container and contents in accordance with law.

ROYAL EMERGENCY NUMBER

Chemtrec 800-424-9300

Royal Adhesives & Sealants, LLC • 2001 W. Washington Street, South Bend, IN 46628 • Phone: 800-999-GLUE • Fax: 574-246-5425

This product is warranted to the original purchaser to meet published specifications, if any, and, in the absence of published specifications, to be merchantable quality. Such warranty may not be assigned or otherwise transferred by purchaser. No other warranty, expressed or implied, of fitness for a particular purpose or any other thing is made. Purchaser's exclusive remedy for breach of this warranty shall be a refund of the price paid for the products by the purchaser. Except as stated above, Royal Adhesives & Sealants, LLC, shall not be liable for any defect in, or breach of obligation relating to the defects in these products, regardless of the theory that may be asserted, including, without limitation, negligence, contract, absolute liability in tort or misrepresentation. If the purchaser does not accept goods on these terms, they are to be returned at once, unopened.

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February 3, 2003 **TECHNICAL SALES BULLETIN**

SILAPRENE® DC 12934 GENERAL PURPOSE MIST AEROSOL CONTACT ADHESIVE

DC 12934 is a high quality synthetic rubber general-purpose aerosol contact adhesive. This product offers high initial tack for contact bonding. DC 12934 forms strong permanent bonds between light weight porous and non-porous surfaces such as metal foils, paper, cardboard, foam, wood, plastic and FRP. This product can be used for permanent and temporary bonding of labels, gaskets, insulation, fabric to be stitched, displays, etc.

Other features include:

- California compliant
- No ozone depleting substances
- Long open time
- Fast tacking
- Light color with no staining
- No chlorinated solvents
- Permanent or temporary bonding capability

Applications include:

- Attachment of labels
- Bonding thin films foils and fabrics
- Bonding FRP to FRP for closed molding injection
- Attachment of insulation to wood and metal
- Temporary bonding of emblems before sewing

SURFACE PREPARATION

Clean, dry, dust-free surfaces are required for optimum bond strength. Surface temperatures should be maintained at temperatures above 40° F. The adhesive should be applied in smooth even coats to both surfaces and adequate pressure applied to assure complete contact

CLEAN-UP

Acetone is recommended for cleaning equipment and over spray. Other solvents will provide varying degrees of cleaning capability.

DISPOSAL INFORMATION

Do not reuse container or remove label. Safely dispose of container and contents in accordance with law.

APPLICATION METHODS

- Shake can well before use.
- Always direct arrow & spray toward surface to be bonded, holding can 6-10 inches from bonding surface and apply in even coats.
- Spray one surface for temporary bonds.
- Spray both surfaces and allow 1-4 minutes for drying for permanent bonds.
- Bond both surfaces together with maximum uniform pressure over entire surface.
- Always test production pieces in typical bonding & operating conditions for best application techniques and compatibility.
- If clogging occurs clean tip & valve with acetone.

TECHNICAL DATA

<i>Physical Properties</i>	<i>(Typical)</i>
Base:	Synthetic Rubber (DC 12888)
Solids:	18%
Solvents:	Acetone, Hexane, Cyclohexane Hydrocarbon propellant
Color:	White to light Amber
Open Tack Time:	Up to 30 Minutes
Can net wt.	13 oz
Shelf Life:	9 months when stored below 80°F in unopened containers.
7 day 180° Peel (cotton duck/CRS)	10-15 pli
7 day Shear (1/8" birch plywood /itself)	125-150 psi
SAFT	120° F

PRECAUTIONARY DATA

Flammable. Keep from sparks and open flames. For Professional/Industrial use only.

- Read label and Material Safety Data Sheet carefully before use.
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