



"The strength within your model!"

World Class
Modelling Products
from Deluxe Materials

40 years

and we keep getting
STRONGER



www.deluxematerials.com

New and better solutions to modelling tasks



Building on a proud 40 year heritage

Welcome to our new 2013/2014 catalogue with over 100 of the latest World Class modelling products from the world of Deluxe Materials.

As both chemists and modellers, we are passionate about finding new and better solutions to modelling tasks. We take pride in caring for you the modellers through our formulations. If you are already one of our customers we thank you and if you are not we hope to serve you soon.



"The strength within your model"

ADHESIVES

Speed Epoxy II



A new range of high strength, rapid setting, epoxy glues that are formulated to set hard, clear and sandable, and tolerate mixing ratio errors. Packed in attractive boxes, each bottle has a new 'witches hat' free flowing nozzle with matching over-cap to match the label.

Available in 4min, 20min, and 1 hour setting times in a selected range of sizes: 224g, 71g and 28g (see below).



Speed Epoxy II 224g 4 min
AD65

Speed Epoxy II 71g 4 min
AD66

Speed Epoxy II 4 min
28g twin tube
AD67

Speed Epoxy II 224g 20 min
AD68

Speed Epoxy II 4 Minute
28g syringe AD40

Speed Epoxy 224g
1 Hour AD50

Long working time and maximum bond strength.



Roket Cyano Glue Gel

AD69 20ml

Fast 10 second bond, non runny, fills gaps.

A high strength cyano glue that does not run and is ideal for gap filling. Bonds: wood, plastic, metal, card, rubber etc. Being a metal tube Roket Cyano Gel has a long shelf life.



Roket cyano range

Highest quality cyanoacrylate adhesives.

Designed for use with precise Micro Tip anti-clog applicator (AC9)
All sold as 20g bottles.

Roket Hot:

AD43

Super-thin, fast, penetrating adhesive; sets 1-5 sec.

Roket Rapid:

AD44

Medium viscosity, fast setting adhesive; sets 5-10 sec.

Roket Max:

AD45

Thick, maximum gap-filling adhesive; sets 10-20 sec.

Roket Odourless:

AD46

Foam-safe, non-fogging, crystal clear, low odour grade, for bonding crystal clear plastics and foam; sets 10-20 sec.



WATCH THE VIDEO

Accelerate cure with Roket Blaster (AD17)



Roket Hot used with Micro Tip & Tube (AC9) for precise application of cyano.



Foam 2 Foam

AD34 50ml

For rapid foam modelling. Very high tack glue. Strong hold, allows adjustment. Dries clear, flexible. Ideal for foam model aircraft.

Bonds: Depron, white, blue and EPO foams, wood and plastic. Also an excellent fabric glue. Will not mark silk.

NEW

AERO T≤CH Epoxy 25 ml Syringe

AD63
Specially designed for bonding composite mouldings. Non-drip, strong visible joints, 24 hour set. Syringe dispenses epoxy resin and hardener in equal parts and needs to be mixed thoroughly. AERO T≤CH fills gaps and forms visible fillets for the highest possible joint strength. Ideal for formers, engine and undercarriage mounts, servo mounts and bulkheads. Bonds: Epoxy GRP, carbon fibre, aluminium alloy, ply and hardwood etc. 25ml twin syringe.



Recommended by:



AERO T≤CH Epoxy 50ml Cartridge

AD64 50ml
Specially formulated epoxy for bonding composite mouldings. Non-drip. Use with AERO T≤CH dispenser gun and mixing nozzle. Ideal for formers, engine and undercarriage mounts, servo mounts and bulkheads. Gels in 3-4 hours, full cure in 24hrs. Mixed adhesive may be stored in freezer for 4-6 hrs and re-used. AERO T≤CH epoxy bonds: Epoxy GRP, carbon fibre, aluminium alloy, ply and hardwood etc. 50ml cartridge for use in AERO T≤CH dispenser.

AERO T≤CH auto mix nozzles

AC14
Specially designed mixing nozzles for AERO T≤CH cartridge. Pack of 5 mixing nozzles for use with AERO T≤CH epoxy syringe ensuring thorough mixing and maximum strength.



AERO T≤CH Epoxy Dispenser

AC15
Special dispenser for AERO T≤CH cartridge and nozzles.



R/C Modellers Canopy Glue

AD12 112g
Multi-purpose gap filling canopy glue. Thick and tacky, dries clear, remains flexible. Bonds combinations of wood, plastic, fabric, foil, painted surfaces. Ideal for:
• Model boat plastic windows.
• Sealing gaps and small holes.
• Repairing tears in covering film.
• Application of rivets on scale models.



Super'Phatic!

AD21 50ml
The thin, non-fuming cyano alternative.
• Low odour, water clean up.
• Penetrates much further than other glues.
• Provides better joints on balsa, ply, GRP, plastic hinges, foam and carbon fibre.



Some of the many uses:

- 1 Pin & glue balsa & hardwood.
- 2 Bonds plastic hinges.
- 3 Bonds carbon fibre & foam.



WATCH THE VIDEO



Super Crylic!

AD23 60g twin pack.
Tough, problem solving adhesive for models where high impact plastics need to be bonded to wood, metal and GRP etc. Ideal for:
• Wooden engine bearers.
• Plastic cowlings repairs.
Thin viscosity allows use with light glass cloth.



Model boat:
• Fixing propshafts and rudders inside boat hulls (with lightweight glass cloth).
• For repairs to plastic hulls.

Fusion

AD19 75ml pack.
Strongest acrylic adhesive for combinations of GRP, metal and wood and nearly all plastics such as PVC, styrene, acetate, acrylic. Extremely useful for bonding in high stress parts such as engine mounts, bulkheads, metal fasteners onto polyester, epoxy or carbon fibre GRP.



Tissue Paste

AD60 50ml
Clear drying paste for bonding tissue paper used on traditional model airplanes. The formulation allows delicate tissue paper to be placed onto airframes and smoothed without tearing.





Glue 'n' Glaze

AD55 50ml

For glazing and bonding crystal clear windows and canopies.

A liquid plastic film-forming polymer which bonds most plastics and dries to crystal clear film. It is ideal for miniature windows 00 gauge or up to 6mm across. It will not smear or fog clear plastics. Ideal for scale aircraft, plastic canopies and glazing dollshouses.

Easy water clean up.
Bonds plastic.



Plastic Magic

AD24 50 ml

Bonds plastics other glues

cannot: Deluxe Materials new formula **Plastic Magic** is a liquid solvent glue that produces **invisible glue lines**. The new safer formula can be applied with the Deluxe Materials **Pin Flow** solvent glue applicator (AC11) or conventionally with a fine paint brush. **Plastic Magic** bonds nearly all commonly used modelling plastics including polyester, acrylic, styrene, ABS, PVC, butyrate, and polycarbonate.



WATCH THE VIDEO

	Polyester	Styrene	ABS	Acrylic	PVC	Butyrate	Poly Carbonate
New Formula Plastic Magic	✓	✓	✓	✓	✓	✓	✓
Major Competitor	✓	✓	✓	X	Poor	✓	✓

Plastic Kit Glue

AD70 20ml

A very fast, plastic cement for all types of plastic kits. The clog-resistant formula and fine tip bottle make for great ease of use.

Bonds: styrene, clear plastic, and even wood to plastic.



Scenic Spray Glue

AD54 100ml

Spray glue for the attachment of scenic materials, eg. scatter to trees or baseboards etc.

Non-staining. Dries clear and tacky. Gentle spray action.

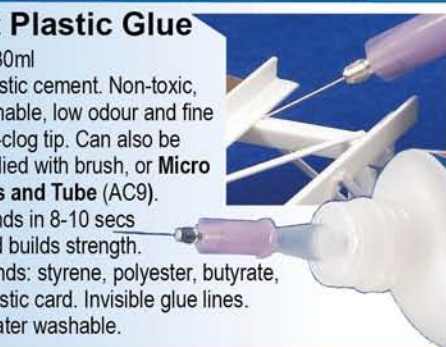


Roket Plastic Glue

AD62 30ml

Liquid Plastic cement. Non-toxic, non-flammable, low odour and fine non-clog tip. Can also be applied with brush, or **Micro Tips and Tube** (AC9).

Bonds in 8-10 secs and builds strength. Bonds: styrene, polyester, butyrate, plastic card. Invisible glue lines. Water washable.



Dolls House Tacky Glue

AD27 112g

Very sticky glue which dries clear, flexible, and is non-staining.

Use for:

- Bonding fabric.
- Plastic windows.
- Flower making.
- Bonding ceramic or flexible tiles.

Superior to other tacky glues in that it dries clear and bonds plastics, varnish and paint.



View Glue

AD61 225ml

Back scene adhesive.

A special adhesive for bonding model rail / diorama back scene papers to hardwood, hardboard, painted surfaces, plaster, plastic coated and plaster board. It allows easy positioning and adjustment. Pack covers 7sqm.



Scatter Grip

AD25 150ml

Special adhesive which dries tacky allowing plenty of working time for bonding scatter materials. Ideal for railway layouts, gardens, dolls house scenery.



Aliphatic Resin

AD8 112g bottle

AD9 500g bottle

Famous "yellow" wood glue used in aeromodelling and professional applications where hard woods are used; dries crisper than PVA giving better sanding specially with balsawood. Will not pull joints as it sets, resulting in better dimensional stability important for airframe construction. Also sets at low temperatures and is water resistant making it ideal for model boats.



Recommended by:



Use in miniature furniture making where its useful properties include:

- Taking a stain.
- Faster grab time.

Tacky Wax

AD29 28g

Wax adhesive for holding miniatures in place whilst allowing re-positioning.



Speedbond

AD10 112g bottle

AD11 500g bottle

Special modelling PVA glue that contains no fillers.

Has unique solvent chemistry for faster drying and is superior to many D.I.Y PVA glues.





Roket Card Glue

AD57 50ml

For fast assembly of card models eg. railway buildings and rockets. Also bonds balsa wood, paper and card to most plastics. Use sparingly, align and press parts together for instant bond. Water clean up.



Wallpaper Paste

AD32 250ml.

Ready-mixed paste that dries clear. It is non staining and does not attack copper wires or tape.



Decorator Glue

AD26 112g

Thick glue, which, like Tacky Glue dries clear overnight. It has instant stronger hold round corners and on vertical surfaces whilst also allowing repositioning. Bonds fabric, leather, silk, paper, wood, glass, plastic, metal, painted and varnished surfaces.



Cover Grip

AD22 150ml

Heat sensitive adhesive for increasing the adhesion of plastic covering films (even aluminium foil) and trim to balsa and ply surfaces.

Ideal for hard working areas eg. engine bays.



"The strength within your model"

USEFUL MODELLING ACCESSORIES

Track Magic



AC13 50ml

Track Magic is a special cleaning fluid for model rail and car tracks, electric contacts and wheels.

- Maximizes conductivity and reliability,
- Works in low power/confined space situations,
- Revives old electric contacts and improves new ones,
- Safe on plastic, foam, acrylic and enamel paint.

Apply Track Magic using a soaked swab or supplied sponge or in tricky confined areas with the fine brush applicator supplied.

Suitable for track cleaning vehicles.



WATCH THE VIDEO

Track Magic Accessory Pack



AC18

Specially developed kit of 3 swabs with handles and 1 spare sponge for easy application of Track Magic. Apply Track Magic with pipette and apply to track.

- Absorbs and holds fluids for easy application.
- Tear resistant.
- Suitable for Z, N, TT, OO, HO, O, G, N, EM and P4 railway gauges.
- Firm yet flexible handle.

Spare swab is ready for longer reach handle for use in tunnels etc.



Pin Flow - Solvent Glue Dispenser



AC11

An applicator specially designed for the precise control of liquid solvent plastic adhesives such as Plastic Magic. When even a brush can sometimes deliver too much this breakthrough device will

deliver just the right amount of adhesive to bond the most intricate parts. Prevents glue runs. Creates invisible joints especially on clear plastic.



WATCH THE VIDEO



Tricky Stick

AC17 50ml

Allows cyano to bond difficult shiny plastics and foam.

Surface primer for EPP, EPO, acetals, fluorinated rubbers, silicones, polythene, polypropylene. Increases the versatility of cyano as a glue and improves strength.

Simply brush Tricky Stick onto shiny surface(s) and allow to dry. Apply your favourite cyano glue (eg. Roket) to one surface and quickly bring joint together holding tightly until set.

Tricky Stick the ultimate product for foam and plastic bonding.



Ideal for EPP foam

Roket Re-cap

AC16



Replacement Roket superglue tips and caps that make your glue flow as new! Pack of 3 easily fitted replacement tips and caps.

Roket Recap re tips, re-freshes and, re-stores, your glue like new. Pack contains two Roket Ca tips and caps, one SuperPhatic! Card glue, and one spare micro-tip. The best glue accessory ever!



Micro Tips & Tube

AC9



Pack of six micro tips and PTFE tubing for precise anti-clog application of Roket CA glues (AD43-46).

Roket Blaster

AD17

50ml spray bottle

AD59

250ml top up bottle

Spray which permits Roket CA (AD43-46) to bond difficult surfaces and accelerate the cure. Pre-condition surfaces and then apply Roket CA (AD43-46) for instant bond.



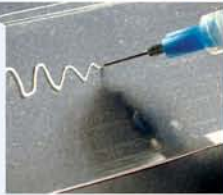
USEFUL MODELLING ACCESSORIES

Pin Point Glue Syringe Kit

AC8

Pack of 2 dispensing syringes and 3 sizes of stainless steel needles for accurate application of water based glues: **R/C Modellers Glue** (AD12), **Speedbond** (AD10), **Aliphatic Resin** (AD8), **Tacky Glue** (AD27), **Decorator Glue** (AD26). Easy to clean syringes and tips using warm soapy water.

Stop tips clogging by resting tips on damp sponge or in water.



Pin Point Bottle Kit

AC10

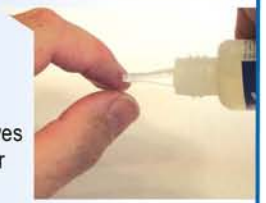
For precision gluing. A small soft dispensing bottle ideal for minute application of water based glues such as **R/C Modellers Glue**, PVA glue and fluxes. Ideal for many tasks where fine finger controlled gluing action is needed. It is supplied with a variety of 3 plastic and metal tips that are easily cleaned after use with water.



Glue Buster

AD48 28g

Debonder and dissolver of superglue. Releases bonded skin and removes superglue stains. Stays on site for faster debonding action.



Roket Powder

AD18 40g

Strengthening powder for use with thin cyano adhesives to improve gap filling and toughness. Flows like liquid into spaces to take exact shape. Use for filling gaps where strength is needed. Sets in seconds with **Roket Hot** (AD43) or **Rapid** (AD44) cyano; can be filed, drilled and tapped.



Ready-2-Glue Stand

AC12

Fast and easy glue dispensing designed to safely hold glue bottles upside down. The glue is always ready to dispense, saving time and waste. Easily and quickly assembled. Designed for use with Deluxe Materials glues including: **Speed Epoxy**, **R/C Modeller Glue**, **Aliphatic Resin**, **Tacky Glue**, and **Speedbond**.



SCENICS

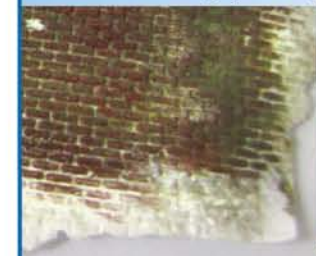
new

Create and Shape

BD60

A lightweight, non-sagging scenic modelling material for the creation and casting of realistic diorama groundwork.

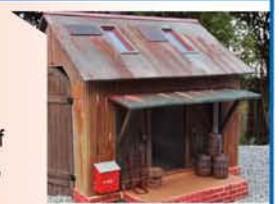
Create and Shape can be moulded and smoothed with a soft wet brush before completely dry. It dries without cracking to a material with great structural integrity bonding wood, plaster, plastic, foam etc. It can be cut, sawn and filed to shape when dry without crumbling like other products and then glued and coloured with acrylic for beautiful scenic effects. Ideal for repairs and special scenic projects where strength and durability is required.



Scenic Rust

BD27

A three part system that puts a realistic scale like rust finish onto all types of paintable surfaces, wood, plastic, metal, within hours thereby creating greater realism for all types of modelling.



WATCH THE VIDEO

Making Waves

BD39 100 ml pack

BD40 250ml pack

For creating waves, ripples, waterfalls and moving water effects. **Making Waves** is a 1-part, clear setting, water based low odour resin that holds its shape, even on vertical surfaces.

It may be used to: (1) Make shallow water effects eg. streams, puddles. (2) Texture **Solid Water** surfaces with ripples and waves. (3) Texture **Scenic Fibres** for waterfalls.



WATCH THE VIDEO for Making Waves, Solid Water and Scenic Water

Solid Water

BD34 50ml

BD35 90ml

BD20 180ml

BD36 350ml

A low odour, 2 part resin for simulating crystal clear water for miniature bowls, garden ponds, canals, lakes and puddles.

Creates the illusion of deep water with minimal thickness. Use it for still water (canals or lakes) in railway layouts. Texture surface with **Making Waves**.





Scenic Shovelled Snow

BD26 500ml

A unique type of snowflake developed for creating special snow effects.

Ideal for piled snow along with snowballs and snowmen which are not possible with other types of snow. Mix with **Scenic Spray** glue or **Scatter Grip** and mould to shape.



Scenic Snowflakes

BD25 500ml shaker pack

For the creation of dramatic snow scenes in minutes.

Allows you to easily create real snow effects such as newly fallen, melted, slipped and frozen, on houses, trees and vegetation.

Scenic Snowflakes are different from other snow because they allow you to add the detailed snow effects that will distinguish your work from other common 'picture postcard' winter scenes. Coverage up to 1.5 sq m.



WATCH THE VIDEO

Scenic Snow Kit

BD29

For dramatic winter snow effects.

Complete kit containing high

brightness **Snowflakes**, **Scenic Bond** adhesive and **Icy Sparkles** (available separately BD33). Covers up to 0.5m².



Scenic Water

BD43 125ml

A re-meltable one part resin that pours, flows and sets as you want it. Best suited for small liquid projects eg. simulating drinks, or water in sinks and baths, bubbles, and many food items including jellies. Melts at around 60°C.



Scenic Fibres

BD28 0.5 metre pack

Scenic Fibres work with **Making Waves** to allow the easy and faster modelling of more realistic moving and white water eg. waterfalls, rivers. Forms a base onto which **Making Waves** can be brushed even down vertical surfaces in waterfalls.



Scenic Colours

BD23

Pack of 5 colour dyes in dropper bottles for **Scenic Water** and **Making Waves**.

Ideal for making jams, drinks, jellies, custard, and blancmange etc.



"The strength within your model"

FINISHING PRODUCTS



Foam Armour

BD50 250g

• Creates a hard durable surface layer on foam and wood

• Ideal for scenics, model aircraft etc.

A thick water based resin that sets to produce an attractive, durable, scratch resistant coating on foam to prevent dings, wear and disintegration. It dries to a surface that can be painted and glued easily and will reduce damage.

- Easy to apply
- Seals surfaces, gaps and foam edges to prevent disintegration
- Can be over-coated or mixed with acrylic paint.
- Is easily glued and worked.

• Bonds electrostatic grass and scatter materials as it dries.

250g pot covers 0.7 sqm / 7sqft.



WonderFill

BD48 240ml

The next generation of strong lightweight fillers for foam and wood.

An easy sanding, strong, lightweight filler designed to fill small gaps and indentations. Easily applied and smoothed with a damp finger and then sanded back. Does not crumble like other lightweight fillers and can be over-coated with Deluxe Materials **Foam Armour** (BD50) for improved surface toughness, and finish before being painted.



Sand 'n Seal

BD49 250ml

A specially formulated wood grain sealer.

Coats and seals wood grain prior to painting and finishing. Use with all types of paints including enamel, cellulose, acrylic or epoxy. Stir well before use. Apply with brush and allow to dry. Sands beautifully after 60 mins. Clean brushes with water. Economical in use. Low odour and non-flammable. Covers 1.5 sq metres.



FINISHING PRODUCTS



Perfect Plastic Putty

BD44 40ml
Fills fine gaps.
Creates invisible seams.
Water clean up.

Perfect Plastic Putty is a one-part, fast-drying, superfine filler with good adhesion and sanding properties on plastic. Easily used, even in awkward areas with water clean up. Apply with small spatula, smooth and allow to dry.

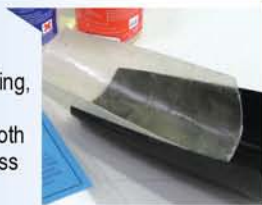
Perfect Plastic Putty:

- Dries quickly without cracks to an ultra smooth finish.
- Fills deep cavities and takes paint easily
- Low odour



Aeropoxy

BD1 300g pack.
Super thin epoxy for wing skinning, laminating and moulding.
Use with lightweight glass cloth to add strength and toughness to models.



Eze Dope

BD42 250ml
A specially formulated water soluble dope for shrinking, strengthening and wind-proofing model tissue paper. It is non flammable, has little odour and dries rapidly to a semi-matt finish. Use to apply tissue decoration to all types of foam.



WATCH THE VIDEO



Eze-Kote

BD37 500ml
Laminating and finishing resin for balsa and foam models.
Eze-Kote is a 1-part water based foam-safe, low odour, resin alternative to epoxy.
Brush onto balsa and light glass cloth to create a tough, ding and fuel resistant film that can be sanded easily and painted after 20-30 mins.
Coverage: 75ml covers approx 1m² /coat.



WATCH THE VIDEO



Liquid Gravity

BD38 240g pack
A brand new non-toxic, easy flowing, weighting system for scale military models, railway rolling stock, model planes, boats and cars. Specially designed to pour into small cavities and set in place with your favourite Rokat cyano (AD43-46), or Speed Epoxy.
Use to improve electric conductivity and stability of rolling stock, adjust balance point of model planes, boats & submarines.
50ml bottle weighs almost 0.25 kilo!



WATCH THE VIDEO



Aero Kote Gloss

BD45 150ml Gloss. **new** With Catalyst **BD47**
BD19 100ml Matt. With Catalyst **BD17**
Tough, high gloss, 2 pack, fuel resistant lacquer.
For brush or spray application.
Touch dry in 5-10 minutes for dust free finish.
Of all the finishes you can apply **Aerokote** is the ultimate. Resistant to hot alcohol, gasoline or kerosene containing high nitro methane and mineral, castor, synthetic ester, or poly-glycol synthetic oils.



Model Lite

BD5 240ml pack, White.
BD6 240ml pack, Balsa Tint.
Strong, lightweight filler which sands easily.
Use only where a strong joint is not required. Use for grain filling by applying with plastic sponge. Bonds: wood, foam, fibreglass. White or balsa tint for use in aeromodeling under clear covering film.



Micro Balloons

BD15 250ml
Lightweight "free flowing" white powder which is mixed with polyester or epoxy resin to make an easy sanding strong filler.
Can also be used to create snow effects (smaller than 1:48) with Scatter Grip glue (AD25).



Epoxy Wing Joining Kit

BD10 50ml
Laminating epoxy and new lightweight glass cloth (.75 m) in kit form and sufficient quantity to join a set of wings.



New Lightweight Fibreglass Cloth

BD12 34g/sq m (1 sq metre)
BD13 51g/sq m (1 sq metre)
BD14 78g/sq m (1 sq metre)
BD11 24g/sq m (2 sq metres)

For laminating.
Unique fabric finish for better "wetting out" and strength. Use with **Eze-Kote** or **Aeropoxy**.

SILICONE TUBING



Rocket Tube

RT1 17mm bore
RT2 19mm bore
RT3 21mm bore
RT4 24mm bore

Triple layer fabric reinforced silicone tube with 10 times the strength of normal silicone.

Resists 250 °C, pressure proof, highly flexible for glo and gasoline engines.



WE SHOW YOU HOW

Deluxe Materials would like to acknowledge and thank the expert modellers who have used our products and who have described and illustrated their techniques in the following articles. We hope you will find these useful in achieving similar excellent results. In addition to these articles there are more that can be downloaded from our website (see back page).

RC Modelling	Railway and Scenics	Miniatures	Scale and Plastics	Videos
Colin Straus Steve Schafer 'Gray' from "RC Model World"	Nick Duxfield George Dent	Catherine Davies www.dollshouseheaven.co.uk Jenny and Mike Kelm of Kastle Kelm Miniatures	Nick Smith Simon Hammerton Jose Brito Steve Fuller	Running Hound Productions St Just, Cornwall

DISNEY FUN!

Building a Championship F3P-A model - Steve Schafer shows you how to get that winning result!

Never sure what glues to use for your foam model? Steve Schafer electric indoor masters champion shows you what to use as he builds his "Foam 2 Foam Glue - Disney" model.

Steve said, "Deluxe Materials are the perfect technical partner and have developed some great glues for foam modelling including Foam 2 Foam, Rokat Glue and Super'Phatic!. They have every use covered and I have no hesitation in recommending them to foam modellers".

FOAM SAFE!
Foam 2 Foam Glue
Adhesive for rapid foam modelling

- 1 F3P Indoor model components and the glues we used: **Foam 2 Foam**, **Super'Phatic!** and **Rokat Glue**.



- 2 Reinforcing the elevator with carbon, and bonded with **Super'Phatic!** glue which wicks nicely into the joint and soaks into the foam.



- 3 Front and rear fuselage halves are glued to the wing using **Foam 2 Foam** glue giving a strong, flexible joint.



- 4 Vertical fuselage halves are bonded to the wing assembly using **Foam 2 Foam** glue.



- 5 The main carbon wing braces are bonded to the fuselage using **Foam 2 Foam** glue.



- 6 Carbon aileron supports are glued in place, adding rigidity whilst keeping weight to a minimum. The needle applicator used with the **Rokat Odourless** cyano controls the glue application.



- 7 Servos are bonded in to the fuselage using small dots of **Rokat Odourless** cyano.



- 8 The motor mount is secured to the fuselage using **Foam 2 Foam** glue.



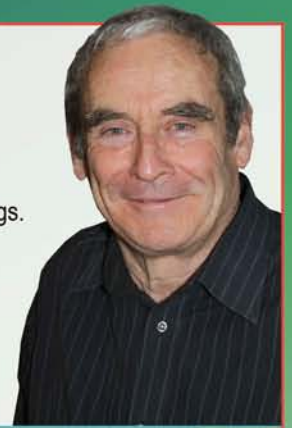
TRACK MAGIC -

Cleans track – keeps your trains running smoothly.

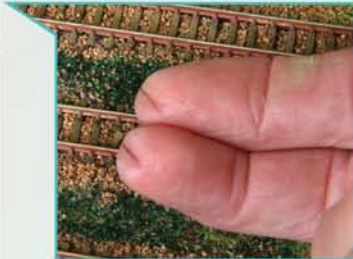
Abrasive track rubbers tend to leave rubbery crumbs behind which cause trouble on the railhead points and crossings.

Enter **Track Magic**, a cleverly formulated solution that cuts through the clingy cocktail of oil and dust, taking it up into the absorbent pad and minimising re-contamination of the railhead.

In this article **Nick Duxfield** shows you how to make your track work like magic!



Deluxe Materials **Track Magic** pack contents: 50ml bottle of **Track Magic**, beaker, pipette, swab and brush.



Dirty track... Not good! It needs the **Track Magic** treatment.



Transfer **Track Magic** into the beaker.

Tip: Keep the bottle in a mug to avoid spillages.



Use the pipette to dispense about a millilitre of **Track Magic** onto the swab to moisten.



Rub swab lightly along the railhead.



The railhead is now clean.



At intervals the swab may need cleaning. To clean swab apply a little solvent and blot dry with clean tissue.



The flexible swab making a simple job of cleaning in confined spaces.



Using the brush with a little **Track Magic** to clean points contacts.



Using the brush with **Track Magic** to clean loco wheels.



Track Magic leaves no slippery residues and prevents wheel spin on locos hauling heavy trains.



Running lights stay on and without flicker.

The science behind Track Magic



Untreated



Treated with **Track Magic**

Anti corrosion test proves effectiveness of **Track Magic** invisible conductive film after two weeks salt water immersion.





IT'S JUST PERFECT PUTTY!

Nick Smith shows you how perfect it is.

Perfect Plastic Putty is pure white, water-soluble and dries quickly in the air to fill the finest of gaps. I have found that it is perfect for use in tight areas, repairing scratches, simulating weld seams and creating other surface details. It can also be diluted with water and coloured for other effects. In this article it is dispensed easily using a **Pin Point Syringe**.



Gap filling using Deluxe Materials Perfect Plastic Putty



With a nozzle attached, apply the putty.



Use a damp cloth or a moist finger to wipe away excess.

Clean away any **Perfect Plastic Putty** from the panel lines etc with a suitable implement eg. cocktail stick.



Note: if the putty has dried, take care when re-scribing as the putty dries quite hard.

Scratch and dent repairs using Deluxe Materials Perfect Plastic Putty



Clean any grease or dust away before filling. Apply the putty from the tube.



Spread the putty into the area using a cocktail stick or similar instrument and wipe away any excess with a damp cloth. Allow to dry for 30 minutes and sand with glass paper or similar.



Polish the area with fine grade glass paper until the surface is level.



Prime and finish surface as normal and finish with paint.

Creating weld seams, rivets, wire looms and tunic buttons



Using a suitable receptacle, mix the putty with a small amount of water until a smooth paste is achieved. Fill a small syringe with the thinned putty.



Apply the putty in a thin bead as required with a suitable tip. A steady hand is needed. When dry the **Perfect Plastic Putty** can be filed for extra effects.

For wire looms, tunic buttons and many more effects, the **Perfect Plastic Putty** can be used in the same way, as described above.

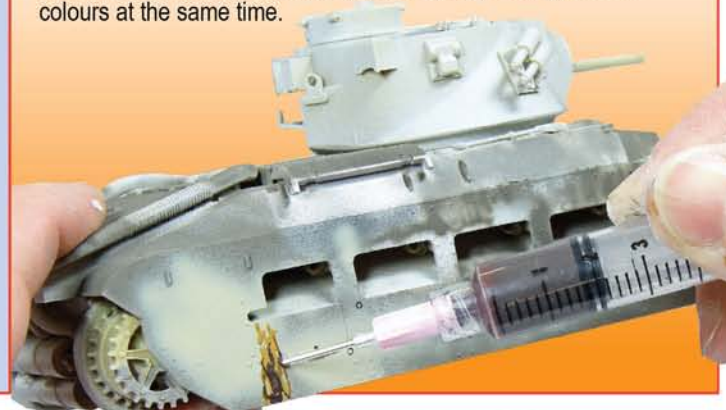
Handy tip: Put a dressmakers' pin into the end of the syringe tip to prevent clogging.

Mud splatter effects using Deluxe Materials Perfect Plastic Putty

Mix **Perfect Plastic Putty** with water based paint until a smooth paste is achieved.

Fill a small syringe with the mixture and select an appropriate tip.

Several shades will make the finished article more realistic. A splattered mud effect can be achieved by dipping an old toothbrush into the mixture and then running a thumb along the bristles, so that the mixture is flicked onto the area required. Where more direct mud is required eg. mud shoots on tanks or around tracks and wheels, apply with a syringe and try several colours at the same time.



WAYS WITH WATER!

Running water, waves and more. Making Waves makes it so easy by Catherine Davies

The creative possibilities are endless with **Making Waves**; colour with Scenic Water colour dyes, or combine it with Solid Water for deeper water.

Catherine Davies explains using some basic techniques to create:

- 1 Draw in the **Making Waves** into a **Pin Point** syringe and attach the **Pin Point** needle.

Tip: Keep the lid down tightly on the tub to prevent drying out.



- 2 **Making Waves** can now make a vertical thread of water, for a fountain, a tap or a drip. Work downwards by gently pressing down on the plunger. Keep your touch light to prevent breaks and allow **Making Waves** to fall naturally.



- 3 **Tip:** Keep the tip of the needle clean and dampen frequently in water.

This is the first thread from the lions mouth which must be left to dry before applying further threads for texture and strength.



- 4 **Tip:** rest the syringe and needle point in water to prevent clogging.

I have already added a few further threads on top and around the first thread to give the effect of flowing water. You will see how it has all dried clear.



Tip: Patch over any unwanted breaks with another thread of **Making Waves**.

- A tap running in a kitchen sink so that the water is starting to overflow
- A lion's head fountain
- A garden water pump
- A garden waterfall feature
- A puddle on a windy, rainy day.

- 5 The trough is now being filled with crystal clear **Solid Water**. Ensure it is measured accurately and mixed fully. Cover and allow 2 days to set. I am applying it inside the base of the **Making Waves** stream to give the very realistic effect of fast water bursting through stiller water.



- 6 Tumbling water on a garden waterfall: Use a comb to create uniform deep ripples over a base of **Making Waves**.



- 7 Create raindrops by syringing small threads of **Making Waves** up from the surface of the **Solid Water** puddle.



AERO TECH HAS LANDED

AERO TECH - the latest innovation specially designed for bonding composite mouldings. Non-drip epoxy for strong visible joints

Conventional epoxy adhesives are not suitable for many tasks found in modern jet model construction and thus require modification to give:-

- Increased high strength across gaps.
- Flexibility and vibration resistance.
- Non-drip performance.
- Extended set time (gels 3-4 hrs, 24hrs full cure).
- Visibility in joints.
- Resistance to aviation fuel and ester based synthetic oils.
- Superior surface priming characteristics enhancing adhesion to composites, hardwood and metal.

Enter the **AERO TECH** epoxy range!

Deluxe Materials takes pride in knowing and developing products for modellers needs and in this short article, shows you how this new British **AERO TECH** product can be used to give you the best result for your next jet model.

A '49 Ford with Deluxe Materials Scenic Rust by Andy Argent

Andy Argent shows you how to create authentic corrosion on a 1949 Ford. Unlike paint, Deluxe Materials **Scenic Rust** is real rust that can be applied to any paintable surface.

The '49 Ford Kit with the **Scenic Rust Kit** components I used.



- 1 Model and materials used to rust it.

Painted model ready for rust. When completed, the '49 Ford was painted in burgundy and left to dry. It was then sprayed with hairspray and some grey paint added. This was left to dry for several minutes. The paintwork was then distressed with a cut down stiff brush to create the effect of old, chipped paint. This was a good base for the **Scenic Rust** treatment.



- 2 **Scenic Rust Powder** was mixed with the **Scenic Rust Binder** following the clear instructions on the box.

- 3 This was painted on all the areas where I wanted the heaviest rust.



- 4 Shows the dried rust / binder mix on rear of the vehicle. Be careful to try and get a realistic balance at this stage if you don't want to end up with a completely rusted out vehicle.



- 5 **Scenic Rust Developer** was then painted onto all the areas that were treated with the rust powder / binder mix. This was then left overnight to fully react and develop rust.

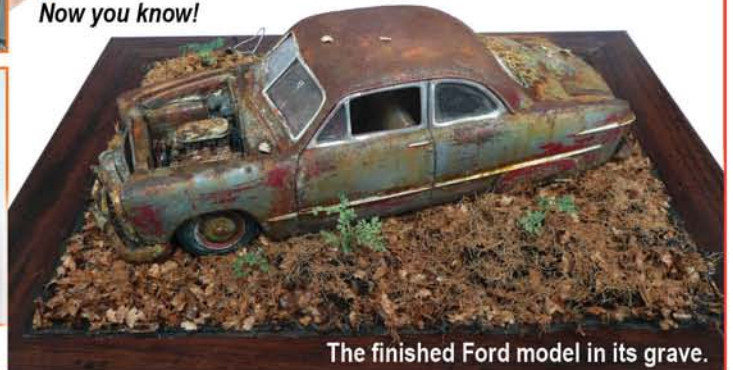


- 6 **49 Ford Rust Close Ups.** These photos show close ups of the rust effect after one day. As you can see you really do see the true effects of this rust. That's all there is to the scenic rusting and the creation of a very realistic looking rusty vehicle.



I have used Deluxe Materials **Scenic Rust** several times and been rewarded with many people asking "how do you get your vehicles so life-like?"

Now you know!



The finished Ford model in its grave.

- 1 The **AERO T-SCH** dispenser gun is especially for use with the 50ml cartridge and nozzles. These are easily slid into place and the trigger action facilitates easy extrusion of epoxy.



- 2 Applying ready mixed **AERO T-SCH** epoxy right to where it is wanted is easy with the 8cm nozzles. It is non-drip and visible when applied. Furthermore it gels in 3-4 hours with full cure in 24hrs. Mixed adhesive may be stored in freezer for 4 to 6 hours and re-used.



- 3 The self-mixing syringe for small jobs such as fixing control horns undercarriages, servo mounts etc. The syringe dispenses epoxy resin and hardener in equal parts ready for thorough mixing. Protect the surrounding area with masking tape.



CREATE AND SHAPE

The modeller's indispensable means of invention. Nick Duxfield shows you why.



1 Create and Shape is ideal for casting cliff faces and outcroppings of rock from rubber moulds. Knife it into the mould and leave to harden. It does not crack or shrink.



2 Casting removed from the mould.



3 Colouring Create and Shape rock faces is best done with acrylic paint. Achieve a 'wash' effect by diluting. Adding a drop of washing up liquid will help the paint to flow. When dry lightly 'dry brush' with contrasting colour to emphasize the textures.



4 Create and Shape, when set hard, is easily carved; use a scalpel or metal probe. Make these rocky elements in small pieces which allow the detail and colouring to be done in the hand. The finished pieces can be fixed in position with a little Create and Shape and blended in with the existing groundwork.



5 Create and Shape into stone or roofs.



PERFECT PUTTY FOR PERFECT PATISSERIE

by Catherine Davies

Perfect Plastic Putty is perfect for making piped icing, buttercream and meringues for a dolls house. You can also colour it and add texturing agents for different effects. In this short piece I have used Perfect Plastic Putty to make: icing on a peach rose gâteau, buttercream on a carrot cake, multi-coloured buttercream on cupcakes, meringues on a raspberry pavlova.



1 Fill a Pin Point syringe from Deluxe Materials; this allows fine application of the putty.



2 The putty is quite soft when fresh, flowing freely when piping through a syringe for the icing. Remember it will spread slightly, so allow a little extra space.



3 Stand the tip in water to prevent clogging. When finished flush and rinse syringe with water.



4 Adding colour to Perfect Plastic Putty is easy by adding pastel chalk scrapings until you get your colour.



5 Making Buttercream and Meringues: mixing Microballoons with the putty adds texture ideal for butter cream and the further addition of Icy Sparkles creates a meringue mix. Note that this mix cannot then be extruded through the syringe.



6 Cake cream: Apply Perfect Plastic Putty using a finger, spreading over a carrot cake base. Use Speedbond PVA if extra adhesion is required.



7 Use a cocktail stick, especially on smaller surfaces, such as for the buttercream on top of these cupcakes. Finish with a light coat of matt acrylic varnish when it has hardened.



8 Meringue nests: Swirl the meringue mixture (slightly coloured mix of Perfect Plastic Putty, Microballoons and Icy Sparkles) around in a circle on non stick baking paper, forming a well as it dries.



9 Before fully hard, break it up into large pieces and stick together with the pure putty to mimic the natural cracking that occurs with meringue and give the impression of fluffy white meringue spilling out from inside a golden crust.



10 Fill any fine cracks in the meringue with the putty / syringe and allow to set hard before adding your choice of filling eg. "cream" made from coloured Deluxe Materials Making Waves and topped with raspberries. Finish with acrylic matt varnish.



11 The completed miniatures. Have fun without all the need for baking!

Create and Shape is a unique, soft, non-flowing paste that can be shaped in your hand or in a mould. Unlike plaster it is lightweight and when set, is non-crumbing and can be carved, shaped, and scribed. A 2mm thick piece sets in around 30 mins, thicker pieces in 24 hours. Scale and railway modellers will find this material indispensable. Nick shows just some of the many uses for this unique product:



Shape can be formed to create brick walls and tiled



It is easily worked with a scalpel to create weathered effects, impossible to achieve on plastic paper or card, as shown on this derelict shepherd's cottage.



Create and Shape can replicate quite complex shapes such as this bogie frame using a mould made from silicone bath caul. Anthracite coal will give an excellent, small scale rock strata effect. Neat washing up liquid is a great release agent.



Create and Shape is one of the few one part drying materials that can be shaped in the fingers to create spheres, cylinders and other shapes without making a mess on your hands.



Create and Shape helps with making trees, particularly those made from 'Seafoam' where the trunks and lower branches often need beefing up.

Nick says he is still discovering more uses for Create and Shape every day so why not release your creativity by asking your hobby dealer for Create and Shape by name!

MAKING JAMS AND SCIENCE EXPERIMENTS

With Scenic Water by KastleKelm Miniatures!

Scenic Water is a great re-meltable one-part resin. With Scenic Colours and Pin Point Syringe kit it can be used for simulating all sorts of domestic and scientific fluids.



Here are a few ideas from KastleKelm Miniatures for making jams and experiments.



1 Scenic Colours: black, blue, red, yellow and white. Pipettes are useful for filling the jars etc. A small bowl with hot water is needed to melt the Scenic Water.



2 Place the tub of Scenic Water into a bowl of boiling water until it melts.



3 Carefully squeeze one drop of the Scenic Colour into your jar. Then fill the jar with liquid Scenic Water. Squeeze out the excess back into the tub of Scenic Water.



4 Mix well and add your fruit if you want for the jam.



5 Leave until set (~10mins). Add a label and a lid. You have your finished jam!



6 Making Lemon Curd: Add a couple of drops of the Scenic White pigment to a drop of yellow Scenic Water.



7 Add the Scenic Water and mix well with a cocktail stick to get your opaque effect for lemon curd.



8 Finish your lemon curd by adding the label and a lid.



9 Test Tubes experiment: Drop one drop of Scenic Colour into your test tube or similar container.



10 Add the liquid Deluxe Materials Scenic Water as before with the Pin Point syringe kit (AC8).



11 Mix thoroughly with a cocktail stick. If you want bubbles, add a single drop of washing up liquid and mix. Again, thoroughly mix with a cocktail stick.

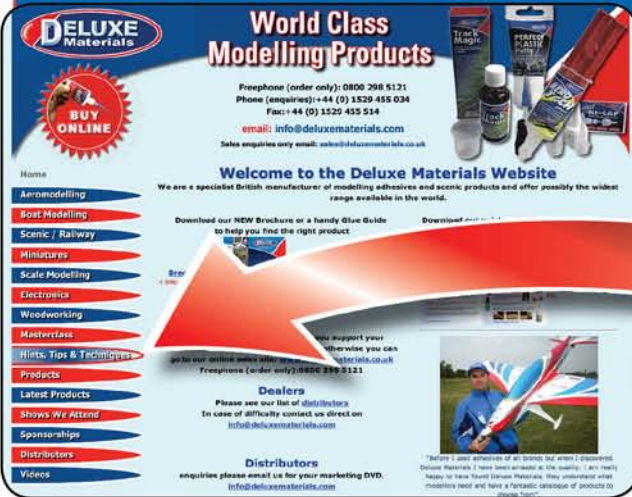


12 Stand jar in an upright position until set

Tip: If you want it to look as if it is spilling, set at an angle.

You can create many different effects using Scenic Water and Scenic Colours. Create a 'traffic light effect' by layering one colour on top of another but you have to wait until each colour is set before putting another colour on top. The tub of Scenic Water can be re-melted over and over again so there's never any waste. Have fun and experiment!

There are many more techniques and articles kindly published by our many magazine partners that can be downloaded from our website www.deluxematerials.com



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THE STRENGTH WITHIN

Deluxe Materials is not just an adhesive company, it's much more, ... it's about being passionate and committed to finding new and better solutions to modelling problems.

Modellers' Quick Reference Glue Guide

KEY: ✓✓ Best ✓ Good ✗ Not Suitable * Exposed Joints

Product guide	Balsa	Hardwood	Metal	ABS	Styrene	PVC	Plastic card	Acrylic	Butyrate	Polycarbonate/Lexan	Epoxy GRP	Polyester GRP	Glass & Ceramic	Oily Wood / Metal	Painted Wood	Lightweight Glass Fibre	Large areas of Veneer or Ply	Card / paper	Carbon Fibre	Covering Film & Trim	Foam White/Blue EPS	Foam Expanded Polyolefin	Foam EPP
Super Crylic! AD23			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓✓	✓	✓	✓				✓	✓	✓✓
Speed Epoxy (All Types) AD65	✓	✓	✓	✓	✓					✓			✓								✓	✓	✓
AeroTech Epoxy (All types) AD14, AD15, AD63, AD64	✓	✓	✓	✓	✓					✓			✓								✓	✓	✓
R/C Modellers Glue AD12	✓	✓		✓	✓										✓✓	✗		✓			✓		
Roket Hot, Rapid, Max, Gel AD43, AD44, AD45, AD69	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓✓						✗	✓	✓
Roket Odourless AD46	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓✓									✓	✓
Super'Phatic AD21	✓	✓		✓	✓	✓	✓				✓					✓✓	✓	✓	✓	✓	✓	✓*	
Aliphatic Resin AD8, AD9	✓	✓															✓						
Speed Bond AD10, AD11	✓															✓	✓	✓			✓		
Roket Blaster AD17, AD59	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									✗		✓
Plastic Magic AD24				✓✓	✓	✓	✓	✓	✓	✓							✗						
Plastic Kit Glue AD70				✓	✓	✓	✓	✓	✓	✓							✗						
Fusion AD19			✓	✓✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗		✗	✗	✗	✗
Cover Grip AD22	✓	✓																		✓✓			
Foam 2 Foam AD34	✓	✓	✓	✓	✓	✓	✓			✓	✓				✓						✓✓	✓	✓
Roket Card Glue AD57	✓	✓			✓											✓	✓	✓	✓				
View Glue AD61	✓			✓	✓	✓	✓								✓			✓			✓		
Roket Plastic Glue AD62				✓	✓	✓	✓											✓					

Recommended by manufacturers worldwide:



Modellers: Please support and buy from your local model shop. In case of difficulty see mail order details below.

Dealers: Use your preferred distributor - see below and full list on website.

Distributors:

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tel: 020 8282 7500 / fax: 020 8282 7501
- Gaugemaster. www.gaugemaster.com
tel: 01903 884488 / fax: 01903 884377
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