

# World Class Modelling Products from Deluxe Materials

designed and manufactured in England



"The strength inside your model"

## New and better solutions to modelling tasks



[www.deluxematerials.com](http://www.deluxematerials.com)



# Welcome to our 2016 modelling catalogue

Deluxe Materials is a British company that never stands still. We are constantly developing new products and making refinements to existing ones. As modellers we believe we understand modellers' needs and, as chemists, can formulate the perfect products. It's a unique and powerful combination of skills that has enabled us to develop a range of products that are now distributed to 39 countries. Don't forget to look out for Deluxe Materials in your hobby shop and keep up-to-date by registering on our website [www.deluxematerials.com](http://www.deluxematerials.com).



Vivienne and John Bristow

## Our Mission

Our goal is to find innovative solutions to modelling tasks and to do this with safe to use formulae. Whether it be radio control, railroad, plastics or miniaturist modelling we want to increase your enjoyment of your favourite hobby. So here you will find, in print, more about what our products can do and, in video, by scanning the QR codes.



These symbols throughout this catalogue show the categories for which the products are recommended.



R/C Modelling



Railway



Scale & Plastics



Miniatures



Wood



Electronics



"The strength inside your model"

## ADHESIVES

### Roket cyano range



Highest quality cyanoacrylate adhesives.

Designed for use with precise Roket Glue Tips (AC20) and Micro Tip anti-clog applicator (AC9), both featured on page 3.

All sold as 20g bottles.



WATCH THE VIDEO



### 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.



Front cover photographs -  
Aeroplane:  
Gary A. Ritchie  
Olympia, WA, USA.

Train:  
Nick Duxfield

Product guide	Set Time/seconds	Penetrating for tight joints	Gap filling	Non drip	Non fogging on clear plastic	Bonds wood, metal rigid plastics (styrene PVC etc.)	Foam safe bond on:			Bonds shiny plastic with Tricky Stick
							EPS	EPO	EPP	
Roket Hot, Rapid	1-5 5-10	Hot	No	No	No	Yes	No	Yes	Yes	Yes
Roket Max, Gel	10-20 10	No	Yes	Yes	No	Yes	No	Yes	Yes	Yes
Roket Odourless	10-20	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes



## Roket Cyano Glue Gel AD69 20ml

Fast 10 second bond.

A high strength cyano glue that does not run and is ideal for gap filling.

Bonds: wood, plastic, metal, card, rubber etc.  
The metal tube extends shelf life.



## Tricky Stick AC17 50ml

Allows cyano to bond difficult plastics, rubber and foam including polypropylene, nylon, vinyl and silicone rubber. Increases the versatility of cyano as a glue and improves adhesive strength.

Fig 1. Simply brush Tricky Stick onto surfaces.

Fig 2. Apply your favourite cyano glue (Roket).

Fig 3. Quickly bring surfaces together until set.



Oily plastic / foam treated with cyano

Treated with Tricky Stick & then cyano



Strengthens EPP foam joints

## Useful products for use with the Roket cyano range

### 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.

### 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.



### 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 Re-cap re tips, refreshes and restores your bottle. Pack contains two Roket CA tips and caps, one Super'Phatic!/Roket Card glue, and one spare micro-tip. The best glue accessory ever!



### Glue Buster

AD48 28g

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



### Micro Tips & Tube

AC9



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

Precision, fine glue lines. Instant fit - Anti clog - No mess.

NEW

One piece glue tips for the accurate application of Deluxe Materials glues: Roket cyano, Roket Card, Super'Phatic! glue. Tips can be shortened or stretched for finer application.



## ADHESIVES

### Speed Epoxy II range

A 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 coloured over-caps.

Available in 4min, 20min, and 60 minute 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 4 min 28g syringe AD73



Speed Epoxy II 224g 20min AD68



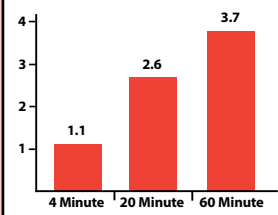
Speed Epoxy II 3.5 tonne / 60 min set AD71

**NEW**



This new addition to the Speed Epoxy II range has been tested to over 3.5 tonnes (8,412 psi/ 58N/mm<sup>2</sup>) and sets a new standard for high strength epoxy glues, outdating many others. Like its companions, 4min and 20min grades, it sets hard, clear & sandable. This new formulation uses epoxy resin and hardener systems carefully matched to give high strength across gaps at 1:1 ratio, and yet tolerates slight mixing errors.

Tensile strength-tons/sq in SPEED EPOXY II variants



### AERO T<CH range

Specially formulated epoxy for bonding composite mouldings.

#### AERO T<CH Epoxy Syringe AD63 25ml



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 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 Cartridge AD64 50ml



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 1-2 hours 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 Epoxy Dispenser AC15



Dispenser for AERO T<CH cartridge and nozzles.



## Super'Phatic!

AD21 50ml



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

Recommended by:  


**Pin & glue balsa & hardwood**



**Bonds plastic hinges**



**Bonds carbon fibre & foam**



WATCH THE VIDEO



## Speed Bond

AD10 112g

AD11 500g



Special modelling PVA glue that contains no fillers. Has unique solvent chemistry for faster drying and is superior to many DIY PVA glues.

Recommended by:

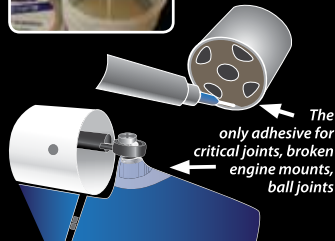


## Fusion

AD19 75ml



Perfect mixing consistency



The only adhesive for critical joints, broken engine mounts, ball joints

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

## 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:

- Aeroplane canopies.
- Model boat plastic windows.
- Sealing gaps and small holes.
- Repairing tears in covering film.
- Application of rivets on scale models.



## Foam 2 Foam

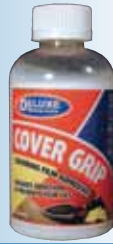
AD34 50ml



FOAM SAFE

## 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.



## 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.

Recommended by:



## Aliphatic Resin

AD8 112g

AD9 500g



Famous "yellow" wood glue used in aeromodeling and professional applications where hard woods are used; dries crisper than PVA giving better sanding specially with balsa wood.

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. Use in miniature furniture making where its useful properties include:

- Taking a stain.
- Faster grab time.

Recommended by:



## Super Crylic!

AD23 60g



Tough, problem solving adhesive for models where high impact plastics (eg. ABS) need to be bonded to wood, metal and GRP etc. Ideal for:

- Wooden engine bearers.
- Plastic cowling repairs.

Low viscosity allows use with light glass cloth. Ideal where epoxy or cyano does not work. Model boat:

- Fixing propshafts and rudders inside boat hulls.
- Repairs to plastic hulls. 60g twin pack.



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

Bonds: Depron, white, blue and EPO foams, wood and plastic. Also an excellent fabric glue.





# ADHESIVES

WATCH THE VIDEO

## Plastic Magic



AD24 50ml



**Bonds plastics other glues cannot:** Deluxe Materials **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.



Also use for sculpting foam

	Polyester	Styrene	ABS	Acrylic	PVC	Butyrate	Polycarbonate
Plastic Magic	✓	✓	✓	✓	✓	✓	✓
Major Competitor	✓	✓	✓	X	Poor	✓	

## PLASTIC GLUE SELECTOR

Brand of glue	Adhesive Performance							Bonds ABS, Styrene, Plastic card, Butyrate
	Set Time / Secs	Invisible glue line	Adjustable joint as it sets	Sets clear	Gap filling ability	For clear glazing	Water clean up	
Plastic Magic	1-5	Yes	No	Yes	No	Yes	N/A	Yes
Roket Plastic Glue	10	Yes	Yes	Yes	No	Yes	Yes	Yes
Plastic Kit Glue	5-10	No	Yes	Yes	Yes	No	N/A	Yes
Roket Hot, Roket Max	1-20		No	Yes	Yes (Max)	No	N/A	Yes
Roket Odourless	10-20		No	Yes	Yes	Yes	N/A	Yes
Glue 'n' Glaze	60mins		Yes	Yes	Yes	Best	Yes	Yes

## Roket Plastic Glue



AD62 30ml



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

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



## 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 OO 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 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.



## 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.



## Wallpaper Paste



AD32 250ml



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



## Tacky Wax



AD29 28g



Wax adhesive for holding miniatures in place whilst allowing re-positioning. Many other uses eg. carrying small screws.





## Ballast Magic

AD74 125ml

**NEW**

### Innovative powder adhesive.

For clean, easy bonding of scatter & ballast.

Instant grab, adjustable bond, reversible joints.

A new way to ballast track in all scales. The adhesive itself is a fine dry powder that is very easy to mix in with ballast. Bond is reversible with warm water.



WATCH THE VIDEO

- Fast drying 1-2 hours.
- Safe to use.
- Good bond resistant to everyday handling
- Can be manipulated easily & mixed with most scatters.
- Ideal for large areas, fixing coal, creating piles etc.

Covers 1 - 1.5 sq m.



## Ballast Magic Kit

AD76

**NEW**



Kit contains **Ballast Magic** (125ml), **Ballast Spray**, fine misting spray bottle, and handy mixing accessories. A new innovative product for ballasting track.

Will not harden cork and is especially useful when ballasting around points as it can be applied in a controlled manner without the risk of a liquid adhesive flowing into the working parts of a point.

This adhesive is very versatile and can also be used to fix down scatter materials, piles of coal and may be removed with warm water if you wish to reposition track.

WATCH THE VIDEO



See page 13

## 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.

Recommended by:

**SUPERQUICK**

[www.superquick.co.uk](http://www.superquick.co.uk)

**DIYSCAPE**

[www.metcalfe-models.com](http://www.metcalfe-models.com)

## 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.



## 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.



## View Glue



AD61 225ml



Backscene adhesive.

A special adhesive for bonding model rail / diorama backscene papers to hardwood, hardboard, painted surfaces, plaster, plastic coated and plaster board. It allows easy positioning and adjustment.



## 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.

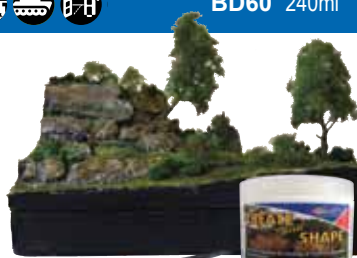


# SCENICS

## Create and Shape



BD60 240ml



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 it is 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.

See pages 17-18

## Scenic Snowflakes



BD25 500ml



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 0.5m<sup>2</sup>.

## Making Waves



BD39 100ml



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:

- Make shallow water effects eg. streams, puddles.
- Texture **Solid Water** surfaces with ripples and waves.
- Texture **Scenic Fibres** for waterfalls.



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

## Scenic Rust



# RUST

BD27 225ml



WATCH THE VIDEO



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

## 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.

- May be used on plastic, resin, metals etc.
- Non-corrosive & non-flammable.



## 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.





## Solid Water



BD35 90ml  
BD36 350ml

A low odour, non-shrinking 2 part resin for simulating bubble free crystal clear water for miniature bowls, garden ponds, canals, lakes and puddles. Creates the illusion of deep water even with minimal thickness. Use it for still water (canals or lakes) in railway layouts. Texture surface with **Making Waves** (BD39).



## 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 and many food items including jams particularly in enclosed containers. Melts at around 60C (140F). Avoid direct contact with metals - pre treat with lacquer.



"The strength inside your model"

## useful modelling ACCESSORIES

### Living Steam



AC21 90ml

**NEW**



#### Scent & smoke oil -

For creating authentic steam railway scent or scented smoke.

**Living Steam** is a uniquely designed, safe, non-flammable fluid for the generation of realistic nostalgic smoke odour of steam railways.

**Living Steam** can be used in two ways:

1. It can be placed on absorbent material placed in the room and allowed to evaporate.
2. Or it can be used as a smoke oil (eg. from model rail smoke generators) creating additional odour.

**Living Steam** is non-flammable making it probably unique in the market place.



### 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.

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



See page 16

### 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.

### Smart Plastic



**NEW**

BD63 125g



**Heat mouldable modelling plastic. Melt & then mould in your hand.**

A safe, white modelling plastic that is easily melted in hot water (40-60C /100-140F) to a soft consistency, ideal for hand moulding to any shape.

**Smart Plastic** sets in 3-4 minutes to a tough, flexible plastic that can be re-melted. It is highly versatile in use and ideal for: custom fabrication, impressions, masks, moulding, prototypes, design, craft, repairs, strengthening & filling plastics & other materials.

- Quickly cool enough to handle.
- Can be coloured with inks or acrylics.
- Setting is accelerated by cold water.
- Cut with metal cake cutters or scissors.





# useful modelling ACCESSORIES

## Brush Magic



AC19 125ml

**NEW**



See page 14

**Brush Magic** is a powerful, non-flammable brush cleaner for the rapid cleaning of all types of wet or dried paints from brushes. Use to remove wet PVA from wood for perfect staining.

- Washes away with water to a clean non-oily surface.
- Non-volatile & low odour.
- Dissolves acrylic, enamel and cellulose paints.
- Dissolves epoxy & polyester resins before they are set.

### Brush Magic has been tested with:

All types of modelling enamels, acrylics, lacquers.  
All types of brushes: sable, nylon etc.  
Most types of airbrushes with Teflon or O-ring seals.  
If decanting, use only glass or polythene containers.



WATCH THE VIDEO



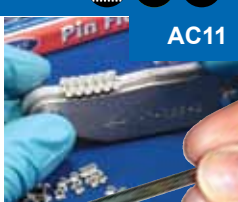
## Pin Flow - Solvent Glue Dispenser



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

Spare needles available from [www.deluxematerials.com](http://www.deluxematerials.com)

## 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), Speed Bond (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.



## 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: **R/C Modeller Glue, Aliphatic Resin, Tacky Glue, and Speed Bond.**

## 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 three plastic and metal tips that are easily cleaned with water after use.



## Strip Magic



AC22 125ml

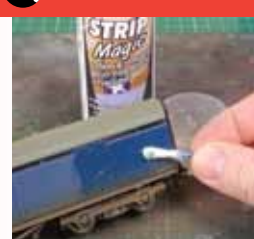
**NEW**



A fast acting, spreadable, & controllable paint stripper that will soften and remove paints and primers, typically 5-15mins according to paint type.

- Softens and removes paint from plastic in minutes.
- Stays where it is applied.
- May be used on plastic, resin, metals etc.
- Non-corrosive & Non-flammable.

See page 16



# LUBRICANT

## PowerModel 2T-S



**NEW**

LU01 500ml

Full synthetic model gasoline 2 stroke oil.

High temperature protection. Accurate & easy mixing.

A unique, full synthetic, high detergent 2 stroke oil. It works at all recommended ratios for 2 stroke gasoline air & water-cooled engines used in model aircraft, cars & boats. It can also be used in 4 stroke engines when the manufacturer recommends a good quality 2 stroke oil.

See page 19

For diesels too!

Offers:

- Safer running at high temperature.
- Maximum resistance to seizure & wear in extreme conditions.
- Cleaner exhaust emissions.
- Outstanding piston & cleanliness.
- Outstanding tickover stability and throttle response.
- Attractive odour.
- Protection while the engine is switched off.
- Outstanding fresh & saltwater corrosion protection.



Suitable for : DA, OS, Evolution, DLE, Great Power Model Engines, Saito, Zenoah, MVVS, NGH, DLA, MOKI, PAW, ZDZ, 3W & BME engines at manufacturers recommended ratios.



# FINISHING PRODUCTS

## Carbon Fibre Tissue



BD62

**NEW**

Weight: 10g/ sq metre (0.3oz /sq yd).

Specially developed carbon fabric (10g/m<sup>2</sup>) for surfacing & strengthening lightweight materials such as balsa, ply & foam. It is rapidly bonded with thin glues such as **Rocket Hot**, or laminating resins eg. **Eze-Kote**, **Eze Dope** & **Aeropoxy**. It is not designed for tissue covering of models.

### Uses include:

- Reinforcing undercarriage mounts.
- Wing joining.
- Servo trays.
- Propeller blades.
- Foam surfacing.



## Aerokote Gloss Aerokote Catalyst



BD45 150ml  
BD47 15ml

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.



**Tip:** Always test on scrap material with the same surface before application. Ensure surfaces are clean, dry and that any paint is fully hardened especially when applying by brush. Best applied with an airbrush using a light dusting coat, allowed to dry (min 4hrs) followed by further coats to build the required finish.

## Aerokote Make it Matt



BD61 50ml

**NEW**

Converts **Aerokote Gloss** to satin or matt finish.

A simple matting agent that blends readily with **Aerokote Gloss** to give it a satin or matt finish. Just measure & add "**Make it Matt**" to **Aerokote Gloss** in the quantities as tabulated below and then add standard **Aerokote Catalyst** to the mix in ratio 10:1 as usual and mix well.



Finish required	Gloss	Satin effect	Matt	Dead Matt
Volume of <b>Make it Matt</b> to add to 25ml of <b>Aerokote Gloss</b>	nil	8ml	16ml	25ml

## 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 1m<sup>2</sup> /coat.

See pages 14-15



WATCH THE VIDEO

## Eze Dope



BD42 250ml

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



WATCH THE VIDEO

Recommended by:



## 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 grass and scatter materials.

250g pot covers 0.7 m<sup>2</sup> / 7 ft<sup>2</sup>

See page 15

## 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.
- Ideal for texturing.



**Tip** To minimise drying, expel air prior to replacing cap.



# FINISHING PRODUCTS

## Aeropoxy



BD1 300g



300g pack covers approx 2m<sup>2</sup> using 34g/m<sup>2</sup> glass cloth

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

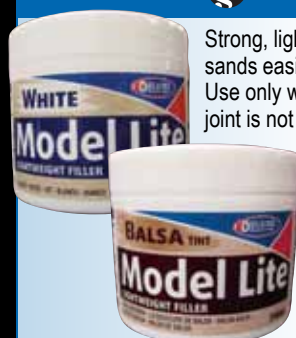


## Model Lite



BD5 White 240ml

BD6 Balsa Tint 240ml



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 aeromodelling under clear covering film.



## 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.

See page 15



## 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.



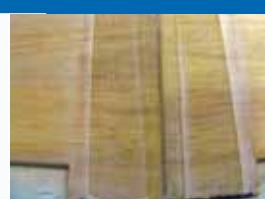
## Epoxy Wing Joining Kit



BD10 50ml



Laminating epoxy and new lightweight glass cloth (.75 m).



In kit form and sufficient quantity to join a set of wings.

## Micro Balloons



BD15 240ml



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 scale) with **Scatter Grip** glue (AD25).



## Liquid Gravity

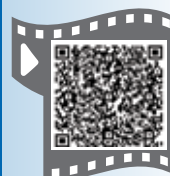


BD38 240g



A 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

**Roket** cyano (AD43-46), or **Speed Epoxy II**. Use to improve appearance of dolls house curtains, cushions, bedspreads, adjust balance point of model planes, boats & submarines. 50ml bottle weighs almost 0.25 kilo!



WATCH THE VIDEO

## Super Lightweight Fibreglass Cloth



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

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







# Ballast Magic - a clean, easy way to ballast your track and to tackle even dolls' house tasks

George Dent, Peter Marriott, Nick Duxfield & Catherine Davies show you how!

## Prepare to Ballast your track

The track should be laid carefully, with electrical connections made and everything tested fully before ballasting can commence. As a guide 100ml / 4fl oz pot will hold enough ballast to cover around 1metre of straight 'OO' gauge track.

**Fig 1:** Here, the **Ballast Magic** dry adhesive is mixed thoroughly with ballast. A ratio of 7 parts ballast : 1 part **Ballast Magic**. Powder is optimal.



**Fig 2:** A metal teaspoon is an ideal stirring tool.



**Fig 3:** Use a dry brush to spread the ballast over the track, working between the rails and along each side filling any gaps between sleepers, keeping the rails clear. Tidy up the edges too. Take care around points, especially the point blades and the latching spring. Masking tape can be applied to sensitive areas.



**Fig 4:** Using the **Ballast Spray** bottle with clean water, gently mist the ballast from different angles until it takes on a uniform wet look. The pressure from the spray bottle will not disturb the scatter material. Ensure that the water penetrates the ballast fully. Allow to dry for at least 24 hours. A strong bond is achieved much sooner, but the water needs to evaporate fully before further scenic work can continue.



**Fig 5:** The dried ballast can also be removed at any point in future. Simply soak with hot water and scrape it away.



**Fig 6:** The adhesive dries to a realistic flat matt sheen.



Peter Marriott

## Chipped Stone Wagon Load

**Fig 7:** Making a chipped stone wagon load is easy. Just stir in **Ballast Magic** 7:1.



**Fig 8:** Add to your wagon and adjust. Make a false floor to save material.



**Fig 9:** Mist with water using the **Ballast Spray** bottle with a gentle spray action and allow to set. For deeper mounds, try applying small amounts of water with a syringe.



George Dent

## Better baking!

**Fig 13:** Miniaturists too can benefit. This fine baking powder would blow away without stirring in **Ballast Magic**.



**Fig 14:** Easily fixed with a quick mist of water.



**Fig 15:** The final baking scene.



Catherine Davies

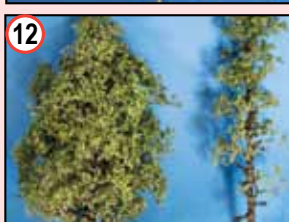
## Realistic Seafoam Trees

**Fig 10:** **Ballast Magic** can also be used with 'Seafoam' and is ideal for making realistic trees. Seafoam can be brittle and dipping in adhesive can break up its structure if the glue is too thick. Enter **Ballast Magic**.

**Fig 11:** Wetting Seafoam with water, sprinkle on **Ballast Magic**.

**Fig 12:** Sprinkling on the scatter results in a realistic look and it's a less messy process than using PVA. The very fine granule size of **Ballast Magic** allows repeated cycles of wetting and sprinkling to get the desired density of foliage.

Nick Duxfield



- Tips**
1. **Ballast Magic** is equally effective with different grades (sizes) of ballast.
  2. For best results, mix small batches of ballast and adhesive at a time.
  3. Mixing and mix ratios: Pour in the powder and mix thoroughly. Add more powder if necessary until the scatter material takes on a uniformly dusty, pale grey appearance. A 7:1 by volume of adhesive is ideal for most scatter and coal etc. It holds well and there is little excess clumps of adhesive.
  4. Use 2-5% of methylated spirit or IPA with the water spray to aid the ballast glue action and speed drying.



# Eze-Kote - enhancing an ordinary foamie to an authentic scale airplane

by Bob Benjamin



If you love model airplanes it's impossible to ignore all those electric RTF models made from expanded foam. No matter how cool they look on a fly past, the foam finish is seriously vulnerable to dirt, dings and damage.

Bob Benjamin from the USA shows you some tips to transform your model to one that is strong authentic and fabulous in appearance. Check out his website for more on [www.rcmodel.com](http://www.rcmodel.com).



**Fig 1:** To assemble the model I used Deluxe Materials Raket

Odourless and Foam 2 Foam foam safe glues. Make joint with Foam 2 Foam and create a bit of "squeeze-out" to ensure properly wetted surfaces. Dried Foam 2 Foam is strong tough stuff!

**Fig 2:** Deluxe Materials WonderFill is specially formulated for foam to "plaster over" all those exaggerated panel lines.

**Fig 3:** I'm using another great Deluxe Materials product, Foam Armour, to seal and surface those newly cut, raw foam surfaces. This is good stuff.

**Fig 4:** Applying Eze-Kote  
All that WonderFill has been sanded flush and I'm experimenting with Eze-Kote by putting a pre-coat of it over the areas I've filled. It turns out later that's not necessary.

**Fig 5:** Applying glass cloth  
I'm brushing a generous, wet coat of Deluxe Materials Eze-Kote directly on to (and through) the glass cloth. You'll know when you have filled the weave as it becomes almost transparent.



**Fig 6:** I'm using a straight edge sanding block to true the fibreglass cloth to ensure an even edge.



**Fig 7:** Sanding Eze-Kote  
Sometimes a "loose" sheet of sandpaper gives a better feel for specific spots that demand extra attention.



**Fig 8/9:** Final painting  
Finish with a serious coat of sanding primer and the final paints of your choice then add decals for the real ding proof authentic look that flies well too.



## Brush Magic - bristling with excitement

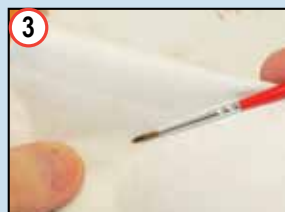
George Dent shows you the product's magical properties.



**Fig 1:** Brush Magic works superbly with a wide range of hobby paints: enamels, acrylics, varnishes



**Fig 2:** Removing wet paint: use enough to cover the bristles and agitate; Brush Magic goes to work immediately, after a few minutes wipe onto tissue. Repeat if required.  
**Important:** use only glass or polythene containers.



**Fig 3:** The brush is completely clean and you should rinse any residual Brush Magic with water.



**Fig 4:** Removing hardened paint: This brush has been left for 7 days and is a hard mass of paint.





## Fix that foamie

Steve Woods show how easy it is to fix broken or damaged foam models but only when you have the right products! The model is a delta wing Axion Laser Arrow from Ripmax.



**Fig 1:** the model after a prang with a wire fence which removed part of the left wing.



**Fig 2:** It was decided to affect a quick repair in order to get the Axion back into the air, so out came the Deluxe Materials 20 minute Speed Epoxy II and a block of blue foam. The damaged area was cut square and straight and the blue foam was cut to match the hole and the wing tip. The 20 minute Speed Epoxy II was squeezed onto a mixing palette in equal amounts, mixed thoroughly and applied into the damaged area after which the blue foam was pushed into the hole and onto the wing tip and allowed to set.



**Fig 3:** After approximately 20 minutes the blue foam was sanded to shape and any dings and dents were filled with Deluxe Materials WonderFill which is both light and strong.



**Fig 4:** Once dried the whole area was lightly sanded in preparation for paint.



**Fig 5:** After the paint had dried, the last stage was a coat of Deluxe Materials Foam Armour which is a ding and knock resistant exoskeleton covering, ideal against those hard landings.



**Fig 6:** Ready for take off, after the WonderFill and Foam Armour treatment.



**Fig 7:** Next up the Chris Foss Acrowat.



**Fig 8:** A nice piece of blue foam was 'Speed Epoxied' in place and nicely shaped.



**Fig 9:** After epoxying the plywood motor mount the surface of the foam was toughened with a coat of Foam Armour and allowed to dry.



**Fig 10:** Eze-Kote to the rescue! - with 0.6oz glass cloth, it easily added strength and dried within minutes and without mess.



**Fig 11:** A super, completed repair ready for reassembly of the powerplant and flying again soon!



If you pride yourself in keeping your tools and brushes clean then be ready to be amazed by **Brush Magic**. Using **Brush Magic** with paint & airbrushes you thought were clean will leave you speechless.

**Brush Magic** is 5 times stronger than many other cleaners and effortlessly loosens, removes both wet and hard paint & even some glues from your favourite tools.

**Brush Magic** is not only possibly the most powerful cleaner on the market, it is safe to use, water washable, non flammable & economical as it does not evaporate away.

Be prepared to be amazed. Make **Brush Magic** your first choice cleaner. It will run rings round anything else!



**Fig 5:** The paint softens after 25 minutes discolouring the **Brush Magic**. Another 5 minutes of soaking takes care of the rest.



**Fig 6:** A final wash in **Brush Magic** and then water revives that expensive brush as new.



**Fig 7: Airbrush cleaning:** **Brush Magic** is a great, safe way for cleaning airbrushes and has been tested with many.



**Fig 8:** **Brush Magic** rapidly discolours, loosening and dissolving hidden paint in hard to reach areas of these stripped airbrush parts.



**Fig 9:** Years worth of accumulated paint has been removed thus safely restoring the airbrush to "as new" condition.





# Strip Magic - a safe, quick & easy way to remove all types of paint from your models – whether they are plastic, resin or metal *George Dent shows you how!*



This fast-acting paint stripper is safe to handle & has little or no odour. When other products are slow acting, difficult to use or hazardous **Strip Magic** provides an effortless way to remove all paints & primers.

**Fig 1:** Deluxe Materials' **Strip Magic** is compatible with all types of hobby and craft paints, including enamels, acrylics and cellulose.

**Fig 2:** **Strip Magic** is easy to use. First, decant a small amount of the fluid into a glass container.

**Fig 3:** Apply **Strip Magic** with a brush, working on small areas at a time.

**Fig 4:** After a few moments, the paint will begin to blister. Working time depends on the paint. Wipe away the blistered paint with a cotton swab soaked in isopropyl alcohol or methylated spirit.

**Fig 5:** Also great for removing weathering paints, as well as factory-applied finishes, if applied quickly, it can allow the weathering only to be removed. However, for a complete strip-down, leave **Strip Magic** on the surface for a few minutes before brushing away the loose paint.

**Fig 6:** Painted and stripped wagons. Final cleaning up is quick and easy using isopropyl alcohol or methylated spirit – no need to wash in water. Just be sure to remove all traces of **Strip Magic** from the model's surface and allow the alcohol / meths time to evaporate before repainting.



## Removing Printed Detail

**Fig 7:** **Strip Magic** can be controlled to allow it to remove printed detail without damaging the underlying paint. Brush a little on the unwanted markings.

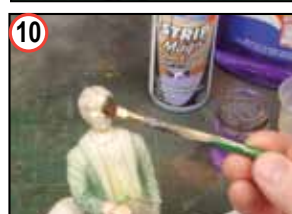
**Fig 8:** After a minute or so, take a swab dipped in methylated spirit and wipe away the **Strip Magic**. The markings are completely removed with no damage to the paint and maintaining the gloss finish.

**Fig 9:** **Strip Magic** can be used on plastic, metal and resin models without damaging the material.

**Fig 10:** **Strip Magic** brushed over face, softens paint without damaging the surface. Clean away the paint with an alcohol / methylated spirit well soaked swab.

**Fig 11:** Also ideal for creating weathered, distressed and faded effects. Apply over a small area at a time and instantly wipe it away with alcohol / methylated spirit.

**Fig 12:** The effect can be tweaked as desired to create different degrees of distressing, by varying the amount applied and the time. Apply a small amount over the body, working on a square inch at a time. Wipe away with alcohol / methylated spirit immediately, using vertical strokes for realistic streaking effects. Perfect for recreating the distinctive faded livery.



**Important:** For best results, neutralise excess **Strip Magic** and wash away softened, loosened paint with isopropyl alcohol or methylated spirit.



## It really is Track Magic!

**Are your loco lights flickering? Do your locos stutter? Does your DCC system need constant rebooting?** Enter Deluxe Materials **Track Magic**, a special cleaning fluid designed for cleaning and maintaining model railway track, locomotive wheels and pickups (and also for cleaning slot car metal tracks).



**Fig 1:** The components of **Track Magic** including the cleaning fluid, foam applicator, small beaker, a small pipette and micro applicator.



**Fig 2:** Spare foam applicators and a pad are available as a Deluxe Materials spare part.



**Fig 3:** The first step is to pour a little **Track Magic** into the beaker and "dunk" the foam applicator into the fluid.



**Fig 4:** To remove paint, glue and other heavy debris a track rubber might be needed the first time.



**Fig 5:** The Deluxe Materials foam applicator cleans N, O and Z scale rails of N scale at the same time.





# CREATE and SHAPE - realistic mud and ground effects

Nick Smith shows you how to use it.



**Create and Shape** is a great medium for making ground work effects such as mud and grassy terrain in scale dioramas. It is a unique, soft, non-flowing paste that can be shaped in your hand or in a rubber mould. Unlike plaster it is: lightweight when set; non-crumbing; can be carved; shaped, drilled and scribed; coloured with acrylic paints so you won't notice damage in the event of small chip or break away.

Furthermore by blending with paint, **Create and Shape** can be easily folded onto a foam base to make durable and realistic mud effects. Nick Smith shows you how to use this great groundwork material.

**Fig 1:** Prepare your base using a suitable material. I have used lightweight building insulation block.



**Fig 2:** To create your mud tone, mix the Deluxe Materials **Create and Shape** with a suitable water based paint in a mixing dish.



**Fig 3:** Apply to the base with a spatula or a pallet knife and spread to a depth of about 4-5 mm. Before it has set (around 30 mins) brush the coloured **Create and Shape** into the desired areas. For wet mud effect use a little water. Allow to set. Then use Deluxe Materials **Solid Water** to fill in all the shell holes and puddles.



**Fig 4:** Using a drill bit or cocktail stick, make holes in the hardened **Create and Shape** and glue your foliage and barbed wire posts into place with **Speed Bond** glue.



**Fig 5:** The finished scene.



## More mud effects – using a WWI tank moving up to the start line, the Somme, 15th September 1916.

**Fig 6:** The finishing touches to the 72nd scale tank model are achieved by blending **Create and Shape** with water to make it easier to apply. The accumulation of mud on the model and around the moving tank tracks is evident.

**Fig 7:** The finished WW1 model.



**Track Magic** works by loosening, mobilising and absorbing railway track contaminants. It leaves the metal surfaces and critical conducting contact parts (eg. on wheels and points) with an invisible conducting film thus maximizing conductivity & improving reliability. The invisible film will also protect the surfaces from further deterioration to keep them working for longer.



Deluxe  
am applicator  
and OO size  
scale track at the

**Fig 6:** A track rubber can't clean on its own. **Track Magic** removes more dirt than the track rubber can.



**Fig 7:** Before and after using **Track Magic** - the top rail is still dirty, the lower rail was cleaned with **Track Magic**.



**Fig 8:** The supplied micro brush is ideal to rub **Track Magic** onto the current carrying contacts of the point.



**Fig 9:** Use **Track Magic** on both rails of the moving contact to ensure the current flows easily.



**Fig 10:** The micro brush is ideal for carefully cleaning between the locomotive wheel and pick up where a track rubber cannot go.

### Do's and Don'ts

**Do:** **Track Magic** is versatile and can be used on a cloth to clean the rails as an alternative to using the foam applicator. Carefully follow the instructions on the packaging.

**Don't:** Never pour neat **Track Magic** onto any part of the track or layout. The use of excessive amounts of the fluid is not recommended.





# CREATE and SHAPE your own garden features

By Catherine Davies



**Fig 1:** Create and Shape is the perfect modelling material for making your own stonework, rocks, paving slabs, and groundwork – just ideal for any dolls' house garden. It is lightweight, easy to colour and shape and dries hard. It is also easy to carve and can be drilled even when hard. Here are the techniques I have used to craft a stone circular mosaic with bird bath and rock garden onto a plain piece of board.

**Fig 2:** Colour Create and Shape by mixing with scrapings of pastel chalk or pigment powders. Mix thoroughly if you want a solid, even colour throughout the material, or less so for a more marbled effect.

**Fig 3:** To make a smooth surfaced stone paving slab, spread coloured Create and Shape over a ceramic tile using a pallet knife or a plastic scraper. Leave to dry out thoroughly and lift gently away from the tile.

**Fig 4:** Cut paving slabs into any shape using a scalpel. For precise shapes and straight edges, score against a metal ruler, and then gently bend the Create and Shape with your fingers so it breaks evenly at the score line.

**Fig 5:** Mould simple shapes very easily from Create and Shape by rolling, pressing and flattening it using your fingers and other tools. The perfectly shaped bowl for the bird bath was made by pressing a wooden bead into a ball of Create and Shape, gently rolling it to get the required size of indentation before removing it.

**Fig 6:** Press into shallow moulds, to create the rocks for the rock garden. Allow the casting to dry thoroughly before lifting out. Once the cast rocks have dried out thoroughly, add further detail, texture and shaping, if required, to Create and Shape by carving and scraping with a scalpel.

**Fig 7:** Once dry, use acrylic paint on a dry brush to add further surface colour detail.



**Fig 8:** Glue the hardened stone slabs in position using Speed Bond and brush the surfaces with Foam Armour to seal them prior to cementing. Allow the Foam Armour to dry.



**Fig 9:** Use thinned coloured Create and Shape for cement, and push into the cracks between the stones using a cocktail stick. Clean with a damp sponge and allow to dry.



**Fig 10:** Make "earth" in the same way as cement and spread thinly over a pre-prepared polystyrene or cardboard mound for the rock garden base and then around the mosaic to provide the ground for the lawn. Press the hardened rocks into the "earth base". No glue is required here.



**Fig 11:** Finish the model with scenery and flowers. Drill holes in the hardened Create and Shape to secure plant stems. Once fully hardened, the bird bath can be filled with "water" using Solid Water. Here is the completed model with mosaic, bird bath and rock garden all created from Create and Shape.







# Beat The Heat! - PowerModel 2T-S

**PowerModel 2T-S a new oil specifically designed for the latest generation of R/C specific gasoline engines. So what's so special? John Bristow explains why and how it has been designed with the user in mind.**

The growing popularity of gasoline as fuel for model engines has led many manufacturers to introduce small gasoline engines. These engines run much hotter than normal glo motors, 2-300C, and this prompted us to look at their lubrication needs. This new lubricant is also a superior choice for diesel engines too.

## Physical and chemical properties

**PowerModel 2T-S** is based on a specially developed synthetic ester base fluid originating from naturally occurring vegetable oils. These have the high natural tenacity (oiliness) to metal surfaces so the oil will not run away from hot surfaces and are without the disadvantages of carbon deposit of mineral or vegetable oils like castor. Other types of synthetics, (eg. from petroleum) don't have this property. This base fluid is combined with a clean burning powerful detergency for operation at 50:1 ratio that gives protection against corrosion from fresh or salt water (marine use) and when the engine is switched off.



## Lubrication Trouble Tracer and FAQ

Visit website [www.deluxematerials.com](http://www.deluxematerials.com) and go to the **Application Guides** page.

## Measuring and mixing made easy ... with stable fuel mixes too!

The oil container: allows measuring and mixing and carries mix chart on pack.

The oil is dyed blue for recognition at 50:1 and is highly soluble in gasoline giving stable fuel oil ratios over months of storage even at sub zero temperatures.

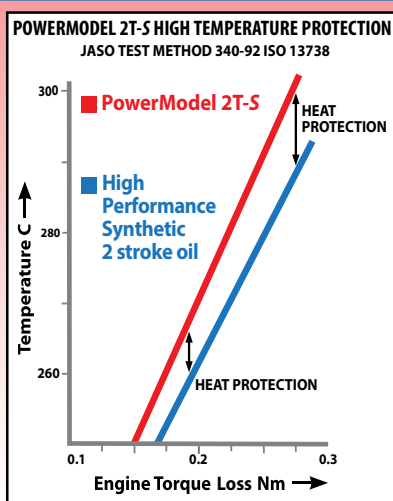


## Heat protection - against seizure

**Power Model 2T-S** will offer greater protection against unexpected engine heat rises due to lean running or cooling problems. Here is how we proved it in independent oil industry recognised tests:

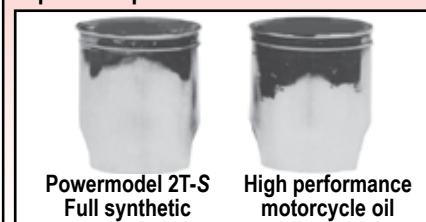
Heat protection film strength test (JASO M340 High Temperature lubricity test).

This test takes the test oil into near seizure point by allowing the engine to overheat in a controlled way. Breakdown of the film strength is detected as torque loss on the running engine. At any given temperature the torque loss of **PowerModel 2T-S** shown in **red** is less compared to a high performance motorcycle oil in **blue**. Put another way, **Powermodel 2T-S withstands greater temperature rises!**



## Heat protection - against deposits

In another twin cylinder air-cooled engine test designed to accelerate carbon build, different oil fuel mixes are fed to the separate cylinders. In this way **PowerModel 2T-S** was tested simultaneously against a high grade motorcycle oil. As can be seen from the piston and cylinder head photos at 20 hours **Powermodel 2T-S demonstrated superior deposit control.**



Suitable for : DA, OS, Evolution, DLE, Great Power Model Engines, Saito, Zenoah, MVVS, NGH, DLA, MOKI, PAW, ZDZ, 3W & BME engines at manufacturers recommended ratios

**"I've never gone so fast in my life ..."** Tony Eifflaender, PAW

**PAW engines recommend Power Model 2T-S.**

PAW have tested **Power Model 2T-S** and found it worked very well in all their diesels from 0.09 to 0.19 capacity.

The benefits were:

- Easier compression setting & needle valve adjustment.
- Cleaner running.
- No visible wear.
- Very little carbon.

**Power Model 2T-S has also performed well in competition.**

Tony Eifflaender, owner of PAW, was placed 1st in this years "Barton Bash" British Goodyear using **Power Model 2T-S** oil in his PAW powered Deerfly model and reported to us on several performance benefits from using this oil:

- RPM increase 3-500 rpm.
- Faster motor warm up.
- Higher airspeeds.
- Better & easier re-starts.



PAW Competition hybrid motor installed into Tony's DeerFly



Standard PAW 15GTS on test showed easier compression setting and needle adjustment



PAW 15GTS engine parts showed very little carbon after test



Tony Eifflaender with the Deerfly 249 model



Visit [www.deluxematerials.com](http://www.deluxematerials.com) to purchase our products, access glue charts, see full worldwide distributor list and view videos and downloads to help you with your modelling experience.



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Freephone: 0800 298 5121



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## Distributors



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