

**ENVIROGRAF®**

3-2-1 FIRE RETARDANT LIQUID

PRODUCT 66 APPLICATION INSTRUCTIONS

ESSENTIAL FIRST TEST FOR ALL APPLICATIONS

- Firstly, test-spray a small area or sample of the material to ensure that it is colour-fast.

FURNITURE

- Spray all the areas which have foam underneath the material, so that the material is absorbing the 3-2-1 liquid.
- Place the chair or settee on its back and spray all underside material.
- Place furniture upright, spray the back, sides and front of furniture, ensuring that the material is wet and has soaked in the 3-2-1 liquid.
- Should seat cushions be removable, spray all material under seat cushions, ensuring that you get the 3-2-1 liquid down the side gaps.
- If cushion has a zip fastener, then unzip and spray 3-2-1 over the internal sponge material and all over the outer covering material, ensuring by pressing in with fingers that the sponge polyurethane absorbs the 3-2-1 liquid.
- Re-spray areas such as backs and arms of chairs which have sponge foam underneath the material and using fingers or a pad of cloth, press 3-2-1 through the material into the sponge. This procedure should also be carried-out on the cushions that cannot be unzipped. Ensure that these sponge areas are well-soaked. (Note: If the material is 60% Polyester, ensure that the foam areas are very well-soaked). See additional information below for leather-covered and rexene-covered furniture.

CURTAINS

- If single material and not lined curtains, spray whilst hanging until the material is moist. Spraying only needs to be carried out on one side.
- Lined curtains **MUST** have **BOTH SIDES** of the curtain sprayed equally.

CARPETS

- Carpets can be sprayed when they are being laid. If they are foam-backed, then with cloth pad press into the carpet as you spray to ensure that backing absorbs 3-2-1.

BEDDING AND MATTRESSES

- If it is possible, take off the outer cover of the mattress, then spray onto the foam, pressing 3-2-1 into the foam material with a cloth pad ensuring that the foam absorbs 3-2-1 thoroughly. Then spray cover completely until wet. Should the cover not be removable, then spray over cover pressing 3-2-1 into the foam until you feel it is thoroughly absorbed.
- Sheets, Blankets, Covers, etcetera can be sprayed with 3-2-1/W and washed approximately five times, then re-treat by either re-spraying or dipping into 3-2-1. Wring out into a bowl and replace residue in bottle for subsequent re-treatment.

ADDITIONAL INFORMATION

- With leather and rexene furniture, the only way to treat the foam is to tip the chair on its back, take off the underneath material and spray 3-2-1 up inside the foam, pressing with your fingers to ensure the 3-2-1 is thoroughly absorbed.
- For added safety in your kitchen, soak a tea towel in 3-2-1 and leave near the cooking area so that if you have a pan fire, the tea towel can be placed over to help put it out.
- Guide to coverage of 3-2-1 required: 6-10 square metres per litre for curtains, bed covering, etc; and approximately 5-7 square metres per litre for foam-filled furniture, according to the amount of polyurethane foam.

**PROTECTING PROPERTY
PROTECTING LIVES**

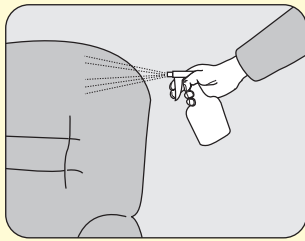
COPYRIGHT © 2008 INTUMESCENT SYSTEMS LTD

Intumescent Systems Ltd, Envirograf House, Barfrestone, Dover, Kent, CT15 7JG, United Kingdom

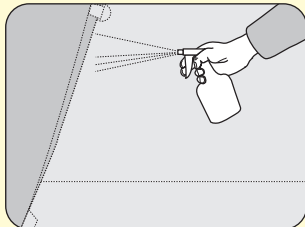
Phone: +44 (0) 1 304 842 555 – Fax: +44 (0) 1 304 842 666 – Email: sales@envirograf.com – URL: www.envirograf.com

APPLICATION FOR 3-2-1 AND 3-2-1 WASHABLE

NB: Before applying to the whole items, spray a small sample of the material where it will not be noticed to ensure colour fastness.



Place the chair or settee on its back and spray all underside materials.

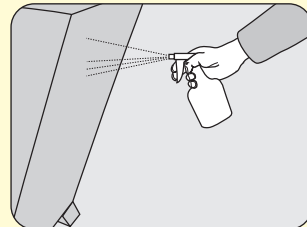


LABOUR

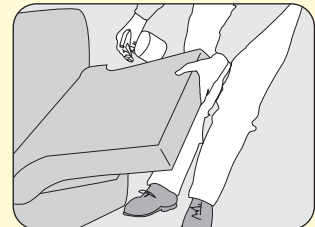
It is advisable that instruction is taken from your nearest Envirograf® Regional Office for the application of these systems. It is important that the manufacturer's instructions are followed. For licensed premises, let accommodation and hotels application must be carried out by an approved applicator who will give certification on completion.

Furniture

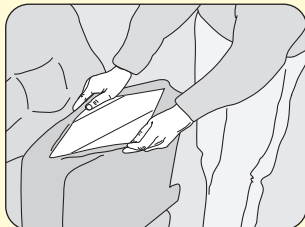
Spray all areas which have foam underneath the material so that the material fully absorbs the 3-2-1/W.



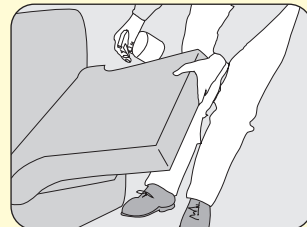
Place the furniture upright, spray the back, front and sides ensuring that the material is wet and has soaked in the 321/W.



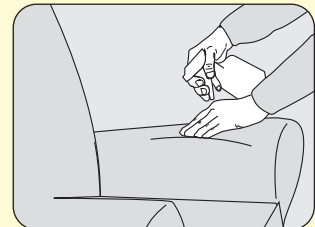
If the seat cushions are removable spray all the material under the seat, ensure that the 321/W is applied down the sides.



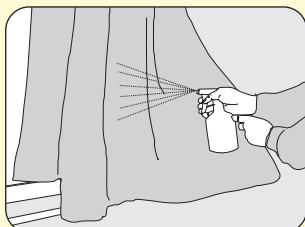
Remove seat cushions from their coverings. If the cushion is not removable spray pressing the liquid into the cushion to ensure absorption.



Spray 321 on all sides of the foam cushion. Ensure that the foam absorbs the liquid by pressing the sponge with your fingers.

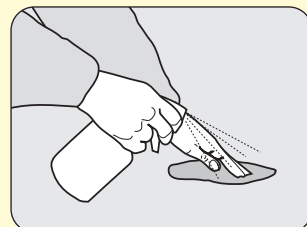


Spray backs, arms and all other areas where foam is underneath material. Ensure that the foam absorbs the liquid by pressing the sponge with your fingers.



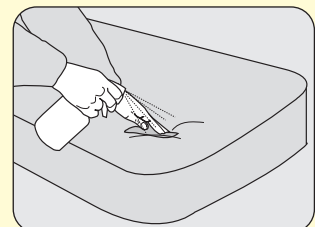
Curtains

For single, non lined curtains spray on one side whilst hanging until the material is moist. Lined curtains spray both sides.



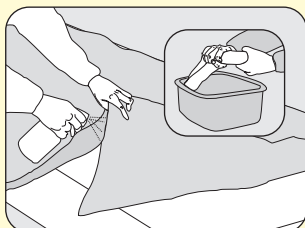
Carpets

Spray the carpet while laid. If the carpet is foam backed use cloth pad to press 321W thoroughly into the carpet ensuring full absorption.



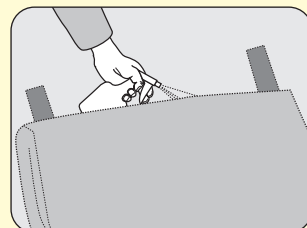
Mattresses

If possible take off the cover. Spray on the 321W pressing the liquid into the foam with a cloth pad, ensuring full absorption. Spray the cover completely until wet. If the cover is not removable then follow the above procedure with the cover on.



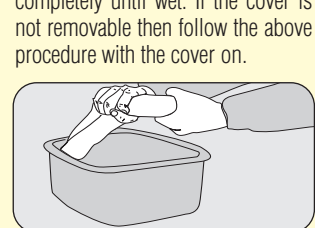
Sheets, Blankets and Covers

These can be sprayed with 3-2-1W and washed 4 times then re-treat either by respraying or dipping in the 3-2-1W. Wring out into a bowl and replace the residue into the bottle.



Leather and Rexine Furniture

To treat the foam tip the chair or settee on its back, take off the under material. Spray and press the liquid into the foam ensuring full absorption.



Kitchen safety

Soak a tea towel in 321 and leave near the cooking area and if necessary use as a fire blanket for pan fires.