



November 2006

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# Product Information



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## ENVIROBASE FLOCCULATING AGENT

Envirobase Flocculating Agent      T499

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### PRODUCT DESCRIPTION

T499 Flocculating Agent has been developed as a flocculating powder for the easy and efficient treatment of waste water contaminated with PPG Envirobase waterborne paint residue during the spraygun cleaning process. This product is effective for the treatment of waterborne waste only and should not be used with solvent-borne waste.

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## **SPRAYGUN CLEANING**

Water is recommended for Spraygun cleaning.

1. Remove the air cap and clean as necessary
2. Decant excess paint from pot into a waste paint container
3. Half fill the pot with water and shake vigorously
4. Empty the resulting waste into the gun cleaning machine
5. Clean off any remaining paint
6. Remove pot and rinse it
7. Clean the internal channels with fresh clean water
8. When the gun is completely clean, re-assemble and flush gun with a small amount of T494 Envirobase Thinner.
9. Ensure that the spraygun is completely dry before storing or re-using.

Note: Refer to the spraygun cleaning machine manual, before using it for the first time.

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## **WASTE TREATMENT**

On average, 20 - 50 sprayguns can be washed before the sump is full of waste (25 - 30L). Each new container of T499 powder must be shaken before use. The container is opened as described by the instructions on the lid. Vigorous stirring using an air stirrer is the best route to ensure efficient flocculation.

1. When the sump is full, remove any separating mesh and stir vigorously
2. Add 100g of T499 (1 scoop) to the stirring mixture and continue stirring for 5 minutes.
3. Stop stirring and allow the solid waste to settle.
4. Check that the liquid is completely clear;
5. If not, repeat steps 2 to 4, before continuing the process.
6. Place filter in waste container and open valve at base of machine sump.
7. When the waste treatment sump is empty, wipe the sides, the base and the stirrer before replacing the separating mesh.(Ensure that mesh is free from powder residue).

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## **WASTE DISPOSAL**

The sludge collected in the filter is classified as "Controlled Waste" and should be disposed off according to local regulations.

The filtrate (liquid) produced from this waste treatment process should not be disposed of into a public sewer without obtaining specific advance authorisation from the local or national water authority.

Prior to authorisation, the filtrate can be re-used a number of times for cleaning sprayguns (hereafter referred to as "re-cycled water"). This recycle option is only recommended in combination with a centrally approved manual spraygun cleaning machine such as the Drester 1000 or 2000. The treated water can be recycled a maximum of 10 times before being replaced with fresh water. Recycled water is classified as "Controlled Waste" and should be disposed off according to local regulations.

When authorisation has been obtained for disposal to a public sewer, the recycled water method is no longer necessary and therefore fresh water should then be used for all spraygun cleaning purposes.

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## STORAGE & HANDLING

Precautions should be taken to ensure that T499 powder is not inhaled. It is recommended that a dust mask is worn when the powder is being added to the waste mixture. Gloves should be worn when cleaning the waste sump.

T499 should be stored in a cool dry place separate from any paint or solvents.

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## VOC INFORMATION

This product falls outside of the scope of EU Directive 2004/42 and therefore does not have a VOC product category classification.

This product can be used by professional motor vehicle repairers.

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## HEALTH AND SAFETY

**These products are for professional use only**, and are not to be used for purposes other than those specified. The information on this TDS is based on present scientific and technical knowledge, and it is the responsibility of the user to take all necessary steps in order to ensure the suitability of the product for the intended purpose. For Health and Safety information please refer to the material Safety Data Sheet, also available at: [http://www.ppg.com/PPG\\_MSDS](http://www.ppg.com/PPG_MSDS)

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