

SUMMARY OF BIODEGRADABILITY TEST PRO-SHAR PAINTBALLS

STUDY No.17040403G605

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Given to:
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Title of Study: Determination of the aerobic ready biodegradability of PRO-SHAR PAINTBALLS in the CO₂ Evolution Test following OECD 301B resp. EU C.4-C

Findings and Results:

The test item PRO-SHAR PAINTBALLS was tested using a concentration of nominally 20 mg organic carbon/L (corresponding to 41.3 mg PRO-SHAR PAINTBALLS/L) in test medium following OECD 301B and EU-Method C.4-C.

Aniline was chosen as positive control.

Activated sludge was used as inoculum (concentration in the test 25.0 mg dry matter/L).

The test was left running for 28 days.

All validity criteria were met. Degradation of the positive control was 69 % after 10 days.

The following data were determined for the test item PRO-SHAR PAINTBALLS:

10-day-window: day 5 – 15

degradation at the end of 10-day-window 78 %

degradation at the end of the test 84 %

pass level following guideline: 60 % at the end of 10-day-window for pure substances

respectively 60 % at the end of the test for mixtures

Therefore, when applying the 10-day-window, PRO-SHAR PAINTBALLS is **readily biodegradable** following OECD 301B and EU C.4-C respectively.

Because the test item is a mixture the 10-day-window has not to be taken into account.

Regardless of the 10-day-window, PRO-SHAR PAINTBALLS is **readily biodegradable** following OECD 301B and EU C.4-C respectively.



Kirrweiler, Germany,
07 February 2018

Manfred Muckle
Study Director