

Technical Data Sheet Walnut Shell

Trade Name: Walnut Shell
Description: Crushed and graded walnut shells
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SECTION 1 Chemical Analysis

For soft, light blasting where the surface is not scored or distorted e.g. removal of carbon from cylinder heads as material is combustible, if any remains in the cylinder afterwards. To remove surplus thin plastic from moulds without damaging the substrate. Also useful for cleaning moulding tools without any damage.

The material is classed as ligno-cellulose.

SECTION 2 Physical Properties

Shape	Semi-Angular
Colour	Beige/brown
Specific Gravity	TBA
Bulk Density	0.45 – 0.65g/cc
Hardness	2.5 moh
Solubility	Not soluble
Packaging	25kg sacks

SECTION 3 Grades

Grade 1: 2.5 – 1.0 mm
Grade 2: 2.0 – 1.0 mm
Grade 3: 1.5 – 0.7 mm
Grade 4: 1.0 – 0.65 mm
Grade 5: 0.80 – 0.45 mm
Grade 6: 0.6 – 0.3 mm

SECTION 4 Compliance

This product is exempt from registration under REACH regulations. See SDS 45 on our web site.

Special Precautions -In use, protection is required to meet threshold limit values for general dusts of 10 mg/m³ (for total inhalable dust) and 5 mg/m³ (respirable dust). The user must establish any hazards present in the surface coatings being removed, which may reduce the occupational exposure standard (O.E.S.).

SECTION 5 Disposal

The abrasive must be disposed of in accordance with national legislation (See Section 16) and local regulations. The material as supplied is classed as a non-hazardous inert solid waste. Spent abrasive used as a blasting medium must be disposed of under classification 12 01 16 (waste blasting material containing dangerous substances) or 12 01 17 (waste blasting material other than those mentioned in 12 01 16). The waste producer must determine if hazardous substances in the coating being removed are likely to cause the waste to be hazardous.

SECTION 6 Handling and Storage

Load per pallet should not exceed 1 tonne and the pallets should not be stacked more than one high. Material should be kept dry.