

MATERIAL SAFETY DATA SHEET

Revised 25/05/2008

Benedict WSA PS-350 Compaction Sand

Product Code	COMWSA
Source	BENEDICT Belrose
Disclaimer	The product data contained in this Product Data Sheet is applicable to Benedict Sand & Gravel materials and is current at the time of publication. Benedict Sand & Gravel reserves the right to vary product specifications without notice. The data contained within this sheet supersedes all previous information. Customers are advised to consider the new Protection of the Environment Operations Regulation 2008 (EPA) regulations relating to the use of recycled materials. For further details see www.environment.nsw.gov.au
Description	High-grade sand manufactured to the exacting Water Services Association PS-350 specification using blends of hard, durable and inert natural resources.
Uses	> Embedment for Waterboard water mains and fittings
Benefits	<ul style="list-style-type: none"> > Manufactured and Quality Assured to an exacting civil works specification > Uniformly graded for excellent compaction > Non-acidic for long-term durability of pipes

Test Method	PHYSICAL PROPERTIES	TYPICAL RESULT	SPECIFICATION
	% Passing A.S. sieve		(WSA PS-350)
AS1141.11 & 12	6.70mm	100	100
	4.75mm	98	95-100
	2.36mm	87	85-95
	1.18mm	77	65-80
	0.600mm	65	50-70
	0.300mm	34	30-50
	0.150mm	11	9-12
	0.075mm	5	3-8
AS1289.4.4.1	Electrical Resistivity (Ω.m)	70	> 50
AS4419.D	pH	8.5	> 5

Benedict WSA PS-350 Compaction Sand Contd.

Transport & Placement

Ensure that the material remains moist at all times during transport and placement. Material may be discharged from the truck into stockpiles or directly into the location where it will be finally used. If drying or particle segregation occurs the material must be remoistened and mixed prior to placement to achieve a homogenous blend of all components. Each truckload of material is delivered with a delivery docket identifying the material type and the tonnage of material delivered.

Safety & Handling

Description

This product is composed of siliceous rock types, which includes, but is not limited to silica, alumino-silica, latite and basalt.

Risk

Inhalation of dust and/or liquid mists may irritate, inflame or sensitise the nose, throat and lungs resulting in illnesses ranging from hay fever or asthma to pneumonia-like illnesses. Direct contact with this material or this dust and/or liquid mists (bioaerosols) may cause skin irritation (dermatitis) and skin or eye infection or irritation. People particularly at risk are those suffering from asthma or allergies, and those with weak immune defence.

Safety

Avoid contact with eyes and skin. Avoid breathing dust/and or liquid mists (bioaerosols). Wear suitable protective clothing and standard duty gloves (AS 2162.2). If exposed to dust and/or liquid mists, wear dust resistant eye protection (AS/NZS 1336) and a particulate respirator (AS/NZS 1715 and 1716). Wash thoroughly immediately after handling. Wash work clothes regularly. Clean up by wet sweeping or vacuuming.

First Aid

Irrigate eyes with plenty of water for 10 minutes. Wash skin with soap and water. For inhalation, remove to fresh air. Seek medical attention for any persistent skin, eye or respiratory symptoms.

Note: Please refer to the appropriate Material Safety Data Sheet for more specific safety and handling information.

Alternative Products

RTA Type BH Fill

Technical Enquiries

BENEDICT SAND & GRAVEL

ABN 99 073 763 292

ph: (02) 9986 3500

fax: (02) 9986 3555

email: sales@benedict.com.au

web: www.benedict.com.au

post: PO BOX 875 ST IVES NSW 2075