

INEOS Silicas

Product Data Sheet Issue Number: 7 Issue Date: January 2002

PRODUCT

GASIL HP220

DESCRIPTION

Synthetic amorphous silicon dioxide (SiO₂) treated with an organic wax.*

APPLICATION

Gasil HP220 is an efficient easily dispersible flattening agent which is suitable for both clear and pigmented coatings. It is recommended for wood finishes, alkyd paints, varnishes, coil and can coatings.

SUPPLY SPECIFICATION

APS Mastersizer (100mm lens) μm	7.2-8.8
Loss at 1000°C %	17.0 max.
pH (5% aqueous suspension)	2.8-3.9
Color Harrison	94.0 min.

TYPICAL DATA

APS Mastersizer (100mm lens) μm	8.0
Pore volume, ml/g**	1.8
Surface treatment	organic
Hegman	5.75
Oil absorption (Linseed), g/100g	250

* Our Gasil products are FDA approved for various applications as a direct additive for food at levels up to 2% by weight and also as a substance allowed in the manufacture of materials that come in direct contact with food. Applicable sections can be found in Title 21 Code of Federal Regulations Part 172. Additional information regarding FDA status can be obtained through our Technical Service Department.

** Of moisture free product

REFERENCE NUMBER

PDS J1029

PACKAGING

Gasil HP220 is packaged in 30-pound bags, 21 bags per pallet.

STORAGE AND HANDLING

Store in a dry place and handle sensibly to minimize creation of dust and build up of static electricity.

SAFETY DATA

Our silicas are fine, light powders and care should be taken to avoid inhaling them. The materials are neither silicotic nor acutely toxic, but safety requires sensible handling to minimize the creation of dust.

Facemasks should be worn during handling and exhaust ventilation used if available.

Because these products are highly absorbent they may have a drying effect on the skin and routine precautions such as the wearing of gloves and overalls are desirable.

For further advice/information consult the Material Safety Data Sheet which is available on request.

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This information is offered in good faith, but without guarantee. No patent liability is assumed.