



Product Data Sheet

I-RELEASE[®] PB 9156

I-RELEASE[®] PB 9156 is a water-based internal release agent.

APPLICATION

I-RELEASE[®] PB 9156 has been developed specifically to provide release from metal press platens or from metal press belts in the production of Particle Board (PB). I-RELEASE[®] PB 9156 has a solid content of 40 % and can be diluted easily with water to the appropriate level. The product can be mixed in-line with I-BOND[®] PB EM 4352 just before applying it on PB chips.

If it is intended to use this product in a different application, the nearest Huntsman technical centre should be contacted for advice. For more information about this product, please contact the nearest Huntsman technical centre or contact us at www.ibondwood.com.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	White		
Physical state	Liquid		
pH	8.75		
Solid content	40	%	
Viscosity	150	mPa.s	PU/VIS-1

STORAGE AND HANDLING

Containers of I-RELEASE[®] PB 9156 should be kept properly closed and are recommended to be stored at ambient temperature. The product should be protected from frost, and can be stored up to 12 months under these conditions.

The product might need mixing or agitation to homogenise it before use. For in-line mixing with I-BOND[®] PB EM 4352 it is recommended that I-RELEASE[®] PB 9156 to an appropriate level. This can be done batch wise or continuously by in-line mixing with water.

Storage for a longer period will require addition of a bactericide to prevent biodegradation. The function of the product is to provide release. Addition of a water repellent wax (paraffin) to the PB chips is still advised.

The I-RELEASE[®] PB 9156 emulsion can easily be mixed into UF, MUF, MUPF and LPF resins in order to pre-treat the press platens, before MDI dosage starts. Recommended storage temperature for products supplied in bulk is 10 - 40 °C.

HEALTH AND SAFETY

The appropriate health and safety advice can be found in the safety data sheet for I-RELEASE[®] PB 9156, which is available on request. If used in combination with I-BOND[®] MDF EM 4330, users are advised to request the safety data sheet for this product and to read the publication PU 193-1E, MDI-based compositions: hazards and safe handling procedures.

For further information, please contact your nearest sales office: http://www.huntsman.com/PU_customer_service

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