



## technical datasheet

## **General description**

Medium viscosity multi-purpose adhesive, fabric, hard and soft wood, and many plastics.

TECBOND 23 is a product assembly grade with excellent bonding qualities, and a high level of adhesive strength. It is suitable for many assembly applications.

## **Technical characteristics**

Adhesive type: Synthetic Polymer Based Hotmelt

Colour: Brown Molten tack: Medium

	1/2"	5/8"	13/4"	СТ	Bulk
Form	½" x 12"	½" x 12"	1¾" x 1¾"		Slats
Sticks per lb (approx)	16	9	8		
Carton quantity	11lb	11lb	22lb		44lb sack
Pallet weight:	1100lb	1100lb	1100lb		2200lb
Suggested application temperature	385°F	385°F	385°F		320°F
Brookfield viscosity (POW-12-VISC) spindle 27	5000cps @ 350°F	5000cps @ 350°F	5000cps @ 350°F		5000cps @ 350°F
Ring & ball softening point (ASTM E28)	190°F	190°F	190°F		190°F
Heat resistance (BS5350 Part H3)	165°F	165°F	165°F		165°F
Open time	Long	Long	Long		Long
Low temperature flexibility (tg)	-4°F	-4°F	-4°F		-4°F
Applicators or hotmelt system	▼ Tec 150-12  ▼ Tec 150-12LM  ▼ Tec 175-12  ▼ Tec 175-12LM  ▼ Tec 250-12  ■ Tec 250-12LM  ▼ Gastec 100  ▼ Gastec 300  ▼ Gastec 500  ▼ Tec 810-12  ■ Tec 810-12LM	Tec 810-15  Tec 810-15LM	<ul> <li>▼ Tec 3150-43</li> <li>□ Tec 3150-43LM</li> <li>▼ Tec 3200-43</li> <li>▼ Tec 6100-43</li> <li>□ Tec 6300-43</li> <li>▼ Tec 7100-43</li> <li>□ Tec 7300-43</li> </ul>	Tec 1050	Bulk tank Spray Jet Slot coater Roller PUR system

F.D.A. approved. All the constituent parts of this adhesive have been approved by the American F.D.A. under C.F.R. 21.175.105 (adhesives) (subject to limitations).

Filename : 23 TDS USA 1 of 1 Date :05/04/11

High delivery, low viscosity, long open time. Product assembly adhesive.	Tecbond Reference	Description	1/2"	5/8"	1¾"	СТ	Bulk
1942 Product assembly adhesive for wood and many plastics.  1X Low viscosity, wood working & packaging adhesive. Medium open time.  213 Economical, general purpose adhesive.  214 Economical, fast setting, packaging adhesive.  225 Medium viscosity multipurpose adhesive.  226 Economical, clear, general purpose adhesive.  227 Economical, clear, general purpose adhesive.  228 Coloured  229 Economical, clear, general purpose adhesive.  230 Coloured, medium open time, general purpose adhesive.  231 Multicolour, Red, Green, White, Black, Blue, Gold, Silver, Red, Yellow.  232 Glitter  240 Multicolour, Red, Green, Silver, Gold.  240 High delivery, long open time, multipurpose, clear adhesive.  240 Lear and black versions, high performance, gap filling, difficult surfaces, dent pulling.  260 High performance, long open time, tough, flexible adhesive.  261 Long open time product assembly adhesive for smooth and shiny surfaces.  267 High heat resistant, medium open time, product assembly adhesive.  2169 Peelable adhesive, low tack, non-migrating, CD & credit card attachment, glue dots.  342 High viscosity, fast setting, white adhesive.  410 Pallet stabilisation spray adhesive.  420 General purpose spray adhesive.  421 High viscosity, fast setting, white adhesive.  422 General purpose spray adhesive.  423 High delivery, high performance, spray adhesive.  424 High performance, long open time spray adhesive.  425 High delivery, high performance, spray adhesive.  426 Lily pressure sensitive, very aggressive, multipurpose, paper & plastic materials.  7718 Coloured, low viscosity, potting, encapsulation & knot filling / wood repair polyamide adhesive.  7785 High temperature resistant multipurpose polyamide adhesive.  9010 Reactive hotmelt. Heat & chemical resistant bonds, figid bond, once set does not reactivate with heat.	5	High delivery, low viscosity, long open time. Product assembly adhesive.	•		•	•	•
1X	14	High delivery, very fast setting packaging adhesive.	•	•	•		
213 Economical, general purpose adhesive. 214 Economical, fast setting, packaging adhesive. 23 Medium viscosity multipurpose adhesive. 232 Economical, clear, general purpose adhesive. 232 Coloured 232 Coloured, medium open time, general purpose adhesive. 232 Colitter 233 Multicolour, Red, Green, Silver, Gold, Silver, Red, Yellow. 234 Coloured, Multicolour, Red, Green, Silver, Gold, Silver, Red, Yellow. 235 Coloured, Multicolour, Red, Green, Silver, Gold. 240 High delivery, long open time, multipurpose, clear adhesive. 246 Clear and black versions, high performance, gap filling, difficult surfaces, dent pulling. 246 Clear and black versions, high performance, gap filling, difficult surfaces, dent pulling. 246 Long open time product assembly adhesive. 247 High heat resistant, medium open time, product assembly adhesive. 248 Long open time product assembly adhesive or smooth and shiny surfaces. 249 Peelable adhesive, low tack, non-migrating, CD & credit card attachment, glue dots. 240 High viscosity, fast setting, white adhesive. 2410 Pallet stabilisation spray adhesive. 2420 General purpose spray adhesive. 2430 High performance, long open time spray adhesive. 2441 Full pressure sensitive, very aggressive, multipurpose, paper & plastic materials. 2441 Full pressure sensitive, very aggressive, multipurpose, paper & plastic materials. 245 High temperature resistant multipurpose polyamide adhesive. 246 Coloured, low viscosity, potting, encapsulation & knot filling / wood repair polyamide adhesive. 2478 High temperature & chemical resistant bonds, rigid bond, once set does not reactivate with heat. 248 Reactive hotmelt. Heat & chemical resistant bonds, flexible bond, once set does not reactivate with heat.	1942	Product assembly adhesive for wood and many plastics.	•	•	•		
234 Medium viscosity multipurpose adhesive. 232 Economical, clast setting, packaging adhesive. 232 Coloured 232 Coloured 232 Coloured 232 Coloured 233 Multicolour, Red, Green, Sliver, Gold. 240 High delivery, long open time, multipurpose, clear adhesive. 246 Clear and black versions, high performance, gap filling, difficult surfaces, dent pulling. 260 High performance, long open time, product assembly adhesive. 265 Long open time product assembly adhesive for smooth and shiny surfaces. 267 High heat resistant, medium open time, product assembly adhesive. 2169 Peelable adhesive, low tack, non-migrating, CD & credit card attachment, glue dots. 240 High viscosity, fast setting, white adhesive. 2169 Peelable adhesive, low tack, non-migrating, CD & credit card attachment, glue dots. 2410 Pallet stabilisation spray adhesive. 2420 General purpose spray adhesive. 2430 High performance, long open time spray adhesive. 2440 General purpose spray adhesive. 2450 High delivery, high performance, spray adhesive. 2461 Full pressure sensitive, very aggressive, multipurpose, paper & plastic materials. 2471 Full pressure sensitive, very aggressive, multipurpose, paper & plastic materials. 2484 High temperature resistant multipurpose polyamide adhesive. 2585 High temperature seistant multipurpose polyamide adhesive. 2690 Reactive hotmelt. Heat & chemical resistant bonds, flexible bond, once set does not reactivate with heat. 260 Reactive hotmelt. Heat & chemical resistant bonds, flexible bond, once set does not reactivate with heat.	1X	Low viscosity, wood working & packaging adhesive. Medium open time.	•		•		
Medium viscosity multipurpose adhesive.	213	Economical, general purpose adhesive.	•	•	•		
Economical, clear, general purpose adhesive.  Coloured, medium open time, general purpose adhesive.  Brown, Green, White, Black, Blue, Gold, Silver, Red, Yellow.  232 Glitter  Multicolour, Red, Green, Silver, Gold.  High delivery, long open time, multipurpose, clear adhesive.  246 Clear and black versions, high performance, gap filling, difficult surfaces, dent pulling.  260 High performance, long open time, tough, flexible adhesive.  265 Long open time product assembly adhesive for smooth and shiny surfaces.  267 High heat resistant, medium open time, product assembly adhesive.  2169 Peelable adhesive, low tack, non-migrating, CD & credit card attachment, glue dots.  342 High viscosity, fast setting, white adhesive.  410 Pallet stabilisation spray adhesive.  420 General purpose spray adhesive.  425 High delivery, high performance, spray adhesive.  430 High performance, long open time spray adhesive.  441 Full pressure sensitive, very aggressive, multipurpose, paper & plastic materials.  7718 Coloured, low viscosity, potting, encapsulation & knot filling / wood repair polyamide adhesive.  7785 High temperature resistant multipurpose polyamide adhesive.  9010 Reactive hotmelt. Heat & chemical resistant bonds, rigid bond, once set does not reactivate with heat.	214	Economical, fast setting, packaging adhesive.	•	•	•		
Coloured, medium open time, general purpose adhesive. Brown, Green, White, Black, Blue, Gold, Silver, Red, Yellow.  232 Glitter  Multicolour, Red, Green, Silver, Gold.  40  High delivery, long open time, multipurpose, clear adhesive.  Clear and black versions, high performance, gap filling, difficult surfaces, dent pulling.  260  High performance, long open time, tough, flexible adhesive.  265  Long open time product assembly adhesive for smooth and shiny surfaces.  267  High heat resistant, medium open time, product assembly adhesive.  2169  Peelable adhesive, low tack, non-migrating, CD & credit card attachment, glue dots.  342  High viscosity, fast setting, white adhesive.  410  Pallet stabilisation spray adhesive.  420  General purpose spray adhesive.  425  High delivery, high performance, spray adhesive.  430  High performance, long open time spray adhesive.  4741  Full pressure sensitive, very aggressive, multipurpose, paper & plastic materials.  7718  Coloured, low viscosity, potting, encapsulation & knot filling / wood repair polyamide adhesive.  7784  High temperature resistant multipurpose polyamide adhesive.  9010  Reactive hotmelt. Heat & chemical resistant bonds, rigid bond, once set does not reactivate with heat.	23	Medium viscosity multipurpose adhesive.	•	•	•		
Brown, Green, White, Black, Blue, Gold, Silver, Red, Yellow.  232 Glitter  Multicolour, Red, Green, Silver, Gold.  240 High delivery, long open time, multipurpose, clear adhesive.  246 Clear and black versions, high performance, apa filling, difficult surfaces, dent pulling.  260 High performance, long open time, tough, flexible adhesive.  265 Long open time product assembly adhesive for smooth and shiny surfaces.  267 High heat resistant, medium open time, product assembly adhesive.  2169 Peelable adhesive, low tack, non-migrating, CD & credit card attachment, glue dots.  342 High viscosity, fast setting, white adhesive.  410 Pallet stabilisation spray adhesive  420 General purpose spray adhesive.  425 High delivery, high performance, spray adhesive.  430 High performance, long open time spray adhesive.  4741 Full pressure sensitive, very aggressive, multipurpose, paper & plastic materials.  7718 Coloured, low viscosity, potting, encapsulation & knot filling / wood repair polyamide adhesive.  7784 High temperature resistant multipurpose polyamide adhesive.  7785 High temperature & chemical resistant bonds, rigid bond, once set does not reactivate with heat.	232	Economical, clear, general purpose adhesive.	•	•	•		
High delivery, long open time, multipurpose, clear adhesive.  246 Clear and black versions, high performance, gap filling, difficult surfaces, dent pulling.  260 High performance, long open time, tough, flexible adhesive.  265 Long open time product assembly adhesive for smooth and shiny surfaces.  267 High heat resistant, medium open time, product assembly adhesive.  2169 Peelable adhesive, low tack, non-migrating, CD & credit card attachment, glue dots.  342 High viscosity, fast setting, white adhesive.  410 Pallet stabilisation spray adhesive  420 General purpose spray adhesive.  425 High delivery, high performance, spray adhesive.  430 High performance, long open time spray adhesive.  4741 Full pressure sensitive, very aggressive, multipurpose, paper & plastic materials.  7718 Coloured, low viscosity, potting, encapsulation & knot filling / wood repair polyamide adhesive.  7784 High temperature resistant multipurpose polyamide adhesive.  9010 Reactive hotmelt. Heat & chemical resistant bonds, flexible bond, once set does not reactivate with heat.			•				
Clear and black versions, high performance, gap filling, difficult surfaces, dent pulling.  High performance, long open time, tough, flexible adhesive.  Long open time product assembly adhesive for smooth and shiny surfaces.  High heat resistant, medium open time, product assembly adhesive.  Peelable adhesive, low tack, non-migrating, CD & credit card attachment, glue dots.  High viscosity, fast setting, white adhesive.  Pallet stabilisation spray adhesive  General purpose spray adhesive  High delivery, high performance, spray adhesive.  High performance, long open time spray adhesive.  High perssure sensitive, very aggressive, multipurpose, paper & plastic materials.  Trill pressure sensitive, very aggressive, multipurpose, paper & plastic materials.  Trill pressure sensitive, very aggressive, multipurpose, paper & plastic materials.  Reactive hotmelt. Heat & chemical resistant multipurpose polyamide adhesive.  Reactive hotmelt. Heat & chemical resistant bonds, flexible bond, once set does not reactivate with heat.	232 Glitter	Multicolour, Red, Green, Silver, Gold.	•				
High performance, long open time, tough, flexible adhesive.  Long open time product assembly adhesive for smooth and shiny surfaces.  High heat resistant, medium open time, product assembly adhesive.  High heat resistant, medium open time, product assembly adhesive.  Peelable adhesive, low tack, non-migrating, CD & credit card attachment, glue dots.  High viscosity, fast setting, white adhesive.  Pallet stabilisation spray adhesive.  General purpose spray adhesive.  High delivery, high performance, spray adhesive.  High delivery, high performance, long open time spray adhesive.  High performance, long open time spray adhesive.  Trill pressure sensitive, very aggressive, multipurpose, paper & plastic materials.  Coloured, low viscosity, potting, encapsulation & knot filling / wood repair polyamide adhesive.  Trill temperature resistant multipurpose polyamide adhesive.  High temperature & chemical resistant multipurpose polyamide adhesive.  Reactive hotmelt. Heat & chemical resistant bonds, rigid bond, once set does not reactivate with heat.	240	High delivery, long open time, multipurpose, clear adhesive.	•	•	•		
Long open time product assembly adhesive for smooth and shiny surfaces.  267 High heat resistant, medium open time, product assembly adhesive.  2169 Peelable adhesive, low tack, non-migrating, CD & credit card attachment, glue dots.  342 High viscosity, fast setting, white adhesive.  410 Pallet stabilisation spray adhesive  420 General purpose spray adhesive.  425 High delivery, high performance, spray adhesive.  430 High performance, long open time spray adhesive.  4741 Full pressure sensitive, very aggressive, multipurpose, paper & plastic materials.  7718 Coloured, low viscosity, potting, encapsulation & knot filling / wood repair polyamide adhesive.  7784 High temperature resistant multipurpose polyamide adhesive.  9010 Reactive hotmelt. Heat & chemical resistant bonds, rigid bond, once set does not reactivate with heat.	246	Clear and black versions, high performance, gap filling, difficult surfaces, dent pulling.	•				
High heat resistant, medium open time, product assembly adhesive.  2169 Peelable adhesive, low tack, non-migrating, CD & credit card attachment, glue dots.  342 High viscosity, fast setting, white adhesive.  410 Pallet stabilisation spray adhesive  420 General purpose spray adhesive.  425 High delivery, high performance, spray adhesive.  430 High performance, long open time spray adhesive.  4741 Full pressure sensitive, very aggressive, multipurpose, paper & plastic materials.  7718 Coloured, low viscosity, potting, encapsulation & knot filling / wood repair polyamide adhesive.  7784 High temperature resistant multipurpose polyamide adhesive.  7785 High temperature & chemical resistant bonds, rigid bond, once set does not reactivate with heat.  9030 Reactive hotmelt. Heat & chemical resistant bonds, flexible bond, once set does not reactivate with heat.	260	High performance, long open time, tough, flexible adhesive.	•	•	•		
Peelable adhesive, low tack, non-migrating, CD & credit card attachment, glue dots.  High viscosity, fast setting, white adhesive.  Pallet stabilisation spray adhesive  General purpose spray adhesive.  High delivery, high performance, spray adhesive.  High performance, long open time spray adhesive.  High performance, long open time spray adhesive.  Pull pressure sensitive, very aggressive, multipurpose, paper & plastic materials.  Coloured, low viscosity, potting, encapsulation & knot filling / wood repair polyamide adhesive.  Transplace High temperature resistant multipurpose polyamide adhesive.  Reactive hotmelt. Heat & chemical resistant bonds, rigid bond, once set does not reactivate with heat.  Reactive hotmelt. Heat & chemical resistant bonds, flexible bond, once set does not reactivate with heat.	265	Long open time product assembly adhesive for smooth and shiny surfaces.			•		
High viscosity, fast setting, white adhesive.  Pallet stabilisation spray adhesive  General purpose spray adhesive.  High delivery, high performance, spray adhesive.  High performance, long open time spray adhesive.  High performance, long open time spray adhesive.  Full pressure sensitive, very aggressive, multipurpose, paper & plastic materials.  Coloured, low viscosity, potting, encapsulation & knot filling / wood repair polyamide adhesive.  Transplace High temperature resistant multipurpose polyamide adhesive.  Reactive hotmelt. Heat & chemical resistant bonds, rigid bond, once set does not reactivate with heat.  Reactive hotmelt. Heat & chemical resistant bonds, flexible bond, once set does not reactivate with heat.	267	High heat resistant, medium open time, product assembly adhesive.			•		
410 Pallet stabilisation spray adhesive  420 General purpose spray adhesive.  425 High delivery, high performance, spray adhesive.  430 High performance, long open time spray adhesive.  4741 Full pressure sensitive, very aggressive, multipurpose, paper & plastic materials.  7718 Coloured, low viscosity, potting, encapsulation & knot filling / wood repair polyamide adhesive.  7784 High temperature resistant multipurpose polyamide adhesive.  7785 High temperature & chemical resistant multipurpose polyamide adhesive.  9010 Reactive hotmelt. Heat & chemical resistant bonds, rigid bond, once set does not reactivate with heat.  9030 Reactivate with heat.	2169	Peelable adhesive, low tack, non-migrating, CD & credit card attachment, glue dots.				•	•
420 General purpose spray adhesive.  425 High delivery, high performance, spray adhesive.  430 High performance, long open time spray adhesive.  4741 Full pressure sensitive, very aggressive, multipurpose, paper & plastic materials.  Coloured, low viscosity, potting, encapsulation & knot filling / wood repair polyamide adhesive.  7784 High temperature resistant multipurpose polyamide adhesive.  7785 High temperature & chemical resistant multipurpose polyamide adhesive.  9010 Reactive hotmelt. Heat & chemical resistant bonds, rigid bond, once set does not reactivate with heat.  9030 Reactive hotmelt. Heat & chemical resistant bonds, flexible bond, once set does not reactivate with heat.	342	High viscosity, fast setting, white adhesive.	•		•		
High delivery, high performance, spray adhesive.  High performance, long open time spray adhesive.  Full pressure sensitive, very aggressive, multipurpose, paper & plastic materials.  Coloured, low viscosity, potting, encapsulation & knot filling / wood repair polyamide adhesive.  High temperature resistant multipurpose polyamide adhesive.  High temperature & chemical resistant multipurpose polyamide adhesive.  Reactive hotmelt. Heat & chemical resistant bonds, rigid bond, once set does not reactivate with heat.  Reactive hotmelt. Heat & chemical resistant bonds, flexible bond, once set does not reactivate with heat.	410	Pallet stabilisation spray adhesive			•		
High performance, long open time spray adhesive.  Full pressure sensitive, very aggressive, multipurpose, paper & plastic materials.  Coloured, low viscosity, potting, encapsulation & knot filling / wood repair polyamide adhesive.  High temperature resistant multipurpose polyamide adhesive.  High temperature & chemical resistant multipurpose polyamide adhesive.  Reactive hotmelt. Heat & chemical resistant bonds, rigid bond, once set does not reactivate with heat.  Reactive hotmelt. Heat & chemical resistant bonds, flexible bond, once set does not reactivate with heat.	420	General purpose spray adhesive.			•		
Full pressure sensitive, very aggressive, multipurpose, paper & plastic materials.  Coloured, low viscosity, potting, encapsulation & knot filling / wood repair polyamide adhesive.  High temperature resistant multipurpose polyamide adhesive.  High temperature & chemical resistant multipurpose polyamide adhesive.  Reactive hotmelt. Heat & chemical resistant bonds, rigid bond, once set does not reactivate with heat.  Reactive hotmelt. Heat & chemical resistant bonds, flexible bond, once set does not reactivate with heat.	425	High delivery, high performance, spray adhesive.			•		
Coloured, low viscosity, potting, encapsulation & knot filling / wood repair polyamide adhesive.  High temperature resistant multipurpose polyamide adhesive.  High temperature & chemical resistant multipurpose polyamide adhesive.  Reactive hotmelt. Heat & chemical resistant bonds, rigid bond, once set does not reactivate with heat.  Reactive hotmelt. Heat & chemical resistant bonds, flexible bond, once set does not reactivate with heat.	430	High performance, long open time spray adhesive.			•		
adhesive.  7784 High temperature resistant multipurpose polyamide adhesive.  7785 High temperature & chemical resistant multipurpose polyamide adhesive.  9010 Reactive hotmelt. Heat & chemical resistant bonds, rigid bond, once set does not reactivate with heat.  9030 Reactive hotmelt. Heat & chemical resistant bonds, flexible bond, once set does not reactivate with heat.	4741	Full pressure sensitive, very aggressive, multipurpose, paper & plastic materials.				•	•
High temperature & chemical resistant multipurpose polyamide adhesive.  9010 Reactive hotmelt. Heat & chemical resistant bonds, rigid bond, once set does not reactivate with heat.  9030 Reactive hotmelt. Heat & chemical resistant bonds, flexible bond, once set does not reactivate with heat.	7718		•	•			
Polo Reactive hotmelt. Heat & chemical resistant bonds, rigid bond, once set does not reactivate with heat.  Reactive hotmelt. Heat & chemical resistant bonds, flexible bond, once set does not reactivate with heat.	7784	High temperature resistant multipurpose polyamide adhesive.	•	•	•		
with heat.  9030  Reactive hotmelt. Heat & chemical resistant bonds, flexible bond, once set does not reactivate with heat.	7785	High temperature & chemical resistant multipurpose polyamide adhesive.	•	•	•		
reactivate with heat.	9010	with heat.				•	
LM44 Lowmelt, fast setting, high performance, white adhesive.						•	
	LM44	Lowmelt, fast setting, high performance, white adhesive.	•		•		

Storage Store in a clean dry place at temperatures between 41°F and 86°F with boxes closed. Do not expose to direct sunlight or localised heat

sources such as radiators or hot pipes.

**Removal of glue** Assembled components can be separated by heating assembly to a temperature slightly above the heat resistance figure.

EVA & Polypropylene: Residues of EVA and polypropylene based hotmelts can be removed from components with white spirit.

Polyamide: Residues of polyamide based hotmelt can be removed from components with acetone.

PUR: Prior to cross linking adhesive can be removed with white spirit or ketone. Once fully cross linked the adhesive cannot be easily

emoved.

Filename: 23 TDS USA

Please note The information contained on this data sheet is for guidance only. It is the result of careful laboratory evaluations by trained and

qualified staff using British Standard or similar test methods. However, no warranty is expressed or implied regarding the accuracy of the data or the suitability of the adhesive for any specific purpose. In every case, we strongly recommend that the user shall make their own test to determine to their own satisfaction the suitability of the adhesive for their particular purpose. Neither the seller nor manufacturer shall be liable for any injury, loss, damage, direct or consequential arising out of the use or inability to use the product. Further information is always available to help solve your adhesive problems. Should you require any further information on our

adhesives please contact your nearest distributor.







Date :05/04/11