

Name Trio-E / 777E Steel Stiffened Hollow Metal Door



Product ID Ceco Trio-E, CURRIES TrioE / 777E, MasterFormat  
Fleming Trio-E, Security Metal Products  
(SMP) TrioE

Website [www.assaabloydss.com/en/local/dss/sustainability/Health-Product-Declaration/](http://www.assaabloydss.com/en/local/dss/sustainability/Health-Product-Declaration/)

Manufacturer	ASSA ABLOY Door Group	Name	Dan Glover
Address	9159 Telecom Drive Milan, TN 38358	Title	Product Manager
		Phone	731-686-4308
		Email	dglover@aadoorgroup.com

Description Commercial certified, patented, thermal efficient, steel stiffened hollow metal door.

Release Date	2013-09-13	<input checked="" type="checkbox"/> Self-declared	
Expiry Date	2016-09-13	<input type="checkbox"/> Second Party	Certifier
HPD URL	<a href="http://hpd.pharosproject.net/uploads/files/hpds/108/51-20130913092425.pdf">http://hpd.pharosproject.net/uploads/files/hpds/108/51-20130913092425.pdf</a>	<input type="checkbox"/> Third Party	Certificate #

### SUMMARY DISCLOSURE

The content of this product was assessed for health hazard warnings as required using Pharos

<b>Residuals Disclosure</b>	<b>Full Disclosure of Intentional Ingredients</b>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/> measured 100 ppm (ideal)	<b>Full Disclosure of Known Hazards</b>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/> measured 1000 ppm	<b>Notes</b>		
<input type="checkbox"/> predicted by process chemistry	VOC Emissions / VOC Content Certified by Truesdail Laboratories, INC. UL / Air Quality Sciences, Inc. UL		
<input type="checkbox"/> as per MSDS (10,000 ppm)	102 Environmental - Silver Certification GREENGUARD Indoor Air Quality Certification		
<input type="checkbox"/> not disclosed			
<input checked="" type="checkbox"/> other			

### Contents in Descending Order of Quantity

Nucor Steel - CRCQ - Bottom Door Skin - 16 gauge Cold Rolled Steel (0.053x41.00x83) , Nucor Steel CRCQ Top Door Skin 16 ga Cold Rolled Steel (0.53x38.00x83) , Nucor , POLYMERIC MDI (PMDI) , Nucor , Nucor Bottom End Channel EC34 , Nucor - Hinge Reinforcement - 7 Gauge Cold Rolled Steel (4.5.124.180HR , Elastopor P 16293R Polyol Resin CAS 9010-72-4 , Nucor Top End Channel EC34 , Nucor , Epoxy Part A , Epoxy Part B , Foam Strip -Closed Cell - (1.375x2.375x33) , Gray Primer , Foam Strip - Closed cell 1.375x2.375x92 , 1,1,1,2-TETRAFLUOROETHANE (HFC-134A)

<b>Hazards</b>	<input type="checkbox"/> Development	<input type="checkbox"/> Neurotoxicity	<input type="checkbox"/> Land toxicity	<input checked="" type="checkbox"/> Multiple
<input type="checkbox"/> PBT (Persistent Bioaccumulative Toxic)	<input type="checkbox"/> Reproductive	<input type="checkbox"/> Mammal	<input type="checkbox"/> Physical hazard	<input checked="" type="checkbox"/> Unknown
<input checked="" type="checkbox"/> Cancer	<input type="checkbox"/> Endocrine	<input type="checkbox"/> Skin or Eye	<input checked="" type="checkbox"/> Global warming	
<input type="checkbox"/> Gene Mutation	<input checked="" type="checkbox"/> Respiratory	<input type="checkbox"/> Aquatic toxicity	<input type="checkbox"/> Ozone depletion	

<b>Total VOC Content</b>		<b>Does the product contain exempt VOCs?</b>	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<b>Material (g/L)</b>	N/A	<b>Are there VOC-free tints available?</b>	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<b>Regulatory (g/L)</b>	N/A				

Notes

### Certifications + Compliance

<b>VOC Emissions</b>	GreenGuard - Gold (previously Children & Schools) GreenGuard - Gold (previously Children & Schools) GreenGuard - Gold (previously Children & Schools)	<b>VOC Content</b>	N/A
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The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an "open standard" developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit [hpdcollaborative.org](http://hpdcollaborative.org).

## CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level.

Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at [www.hpdcollaborative.org/hazardlists](http://www.hpdcollaborative.org/hazardlists).

**GS:** GreenScreen Benchmark; **RC:** Recycled Content, **PC:** Post Consumer, **PI:** Post Industrial (Pre-consumer), **BO:** Both; **Nano:** comprised of nanoscale particles or nanotechnology

Name	CAS RN	% weight	GS	RC	Nano	Role
Hazard	Warnings					Notes
<b>Nucor Steel - CRCQ - Bottom Door Skin - 16 gauge Cold Rolled Steel (0.053x41.00x83)</b>	Unknown	38.21 %		BO	N	Bottom Door Skin - 16 ga CRS
None found	No warnings found on HPD Priority lists					7439-89-6, 7429-90-5,7440-36-0,7440-38-2,7440-41-7,7440-42-8,7440-43-9,1305-78-8,7440-44-0,7440-47-3,7440-48-4,7440-50-8,7439-92-1,7439-95-4,7439-96-5, Composition Ingredients of Nucor Sheet/strip material: Cold Rolled Steel Recycled content is typically 83% Recycled Content and 17% Post Industrial (Pre-consumer) Nucor or US Steel are primary sources in supply chain See Steel Base Metal Ingredients and alloys listed in MSDS
<b>Nucor Steel CRCQ Top Door Skin 16 ga Cold Rolled Steel (0.53x38.00x83)</b>	Unknown	33.17 %		BO	N	Top Door Skin - 16 ga CRS
None found	No warnings found on HPD Priority lists					7439-89-6, 7429-90-5,7440-36-0,7440-38-2,7440-41-7,7440-42-8,7440-43-9,1305-78-8,7440-44-0,7440-47-3,7440-48-4,7440-50-8,7439-92-1,7439-95-4,7439-96-5, Composition Ingredients of Nucor Sheet/strip material: Nucor and US Steel are primary sources See Steel Base Metal Ingredients and alloys listed in MSDS
<b>Nucor</b>	Unknown	14.99 %		BO	N	Liner Plate - 22 gauge Cold Rolled Steel
None found	No warnings found on HPD Priority lists					7439-89-6, 7429-90-5,7440-36-0,7440-38-2,7440-41-7,7440-42-8,7440-43-9,1305-78-8,7440-44-0,7440-47-3,7440-48-4,7440-50-8,7439-92-1,7439-95-4,7439-96-5, Composition Ingredients of Nucor Sheet/strip material:See Steel Base Metal Ingredients and alloys listed in MSDS Nucor or US Steel are primary steel suppliers
<b>POLYMERIC MDI (PMDI)</b>	9016-87-9	2.77 %	U	N	N	P1001 Isocyanate - P - MDI
CANCER	MAK: Carcinogen Group 4 - Non genotoxic carcinogen with low risk under MAK/BAT levels					101-68-6 Diphenylmethane-4-4'-diisocyanate, MDI Mixed isomers 26447-40-5, 9016-87-9 Isocyanate - P - MDI is part on one of the 3 part chemical process used in thermal chemical reaction process used to create polyurethane foam filler (core of the door)
RESPIRATORY	EPA Action: Inhalation sensitizer causing asthma and lung damage					
MULTIPLE	EPA Action: EPA Chemical of Concern - Action Plan published					
<b>Nucor</b>	Unknown	3.38 %		BO	N	22 Gauge Cold Rolled Steel Offset Vertical Stiffener
None found	No warnings found on HPD Priority lists					7439-89-6, 7429-90-5,7440-36-0,7440-38-2,7440-41-7,7440-42-8,7440-43-9,1305-78-8,7440-44-0,7440-47-3,7440-48-4,7440-50-8,7439-92-1,7439-95-4,7439-96-5, Composition Ingredients of Nucor Sheet/strip material: See Steel base metal ingredients and alloys list in MSDS Nucor and US Steel are primary steel suppliers
<b>Nucor Bottom End Channel EC34</b>	Unknown	1.25 %		BO	N	Nucor Bottom End Channel EC34/30B - 3/4" LEG - 16 gauge gavanneal steel
None found	No warnings found on HPD Priority lists					7439-89-6, 7429-90-5,7440-36-0,7440-38-2,7440-41-7,7440-42-8,7440-43-9,1305-78-8,7440-44-0,7440-47-3,7440-48-4,7440-50-8,7439-92-1,7439-95-4,7439-96-5, Composition Ingredients of Nucor Sheet/strip material: See Steel base material ingredients and alloys listed in MSDS sheets Nucor or US Steel are primary suppliers for steel components
<b>Nucor - Hinge Reinforcement - 7 Gauge Cold Rolled Steel (4.5.124.180HR)</b>	Unknown	1.23 %		BO	N	Nucor - Hinge Reinforcement - 7 Gauge Cold Rolled Steel (4.5.124.180HR/16DR1614FR)
None found	No warnings found on HPD Priority lists					7439-89-6, 7429-90-5,7440-36-0,7440-38-2,7440-41-7,7440-42-8,7440-43-9,1305-78-8,7440-44-0,7440-47-

						3,7440-48-4,7440-50-8,7439-92-1,7439-95-4,7439-96-5, Composition Ingredients of Nucor Sheet/strip material: See steel base metal ingredients and alloys list in MSDS sheet Nucor or US Steel primary steel suppliers - This component manufactured in-house
<b>Elastopor P 16293R Polyol Resin CAS 9010-72-4</b>	Unknown	2.01 %		N	N	Elastopor P 16293 R Polyol Resin: 3 part process that creates polyurethane foam filler for door core Polyol CAS 9010-72-4
None found	No warnings found on HPD Priority lists				Elastopor P 16293R Polyol Resin: 3 part process that creates polyurethane foam filler for door core Polyol CAS 9010-72-4, Flame Retardant, Surfactant, Catalyst	
<b>Nucor Top End Channel EC34</b>	Unknown	1.25 %		BO	N	Nucor Top End Channel EC34/30T - 3/4" LEG - 16 gauge gavanneal steel
None found	No warnings found on HPD Priority lists				7439-89-6, 7429-90-5,7440-36-0,7440-38-2,7440-41-7,7440-42-8,7440-43-9,1305-78-8,7440-44-0,7440-47-3,7440-48-4,7440-50-8,7439-92-1,7439-95-4,7439-96-5, Composition Ingredients of Nucor Sheet/strip material: See Steel base metal ingredients and alloys listed in MSDS sheets Nucor or US Steel primary sources for steel component material	
<b>Nucor</b>	Unknown	1.26 %		BO	N	Nucor / US Steel Blank Mortise Lock Box Cold Rolled Steel
None found	No warnings found on HPD Priority lists				7439-89-6, 7429-90-5,7440-36-0,7440-38-2,7440-41-7,7440-42-8,7440-43-9,1305-78-8,7440-44-0,7440-47-3,7440-48-4,7440-50-8,7439-92-1,7439-95-4,7439-96-5, Composition Ingredients of Nucor Sheet/strip material : In- House Manufacturing of this door component	
<b>Epoxy Part A</b>	Unknown	0.03 %		N	N	Epoxy Part A - 2 part epoxy adhesive
None found	No warnings found on HPD Priority lists				25068-38-6,112945-52-5,1317-65-3 - Part A of 2 part Epoxy adhesive that binds the metal components together	
<b>Epoxy Part B</b>	Unknown	0.03 %		N	N	Part B of 2 part Epoxy adhesive that binds the metal components together
None found	No warnings found on HPD Priority lists				112-24-3,1332-58-7,112945-52-5, Part B of 2 part Epoxy adhesive that binds the metal components together	
<b>Foam Strip -Closed Cell - (1.375x2.375x33)</b>	Unknown	0.07 %		N	N	Foam Strips - closed cell 1.375x2.375x33
None found	No warnings found on HPD Priority lists					
<b>Gray Primer</b>	Unknown	0.07 %		N	N	Gray Primer
None found	No warnings found on HPD Priority lists				Water based primer for the door- Component ingredients are found in MSDS sheets: CAS 111-76-2, 471-34-15, 14807-96-6, 13463-67-7, 112-34-5,1309-37-1	
<b>Foam Strip - Closed cell 1.375x2.375x92</b>	Unknown	0.19 %		N	N	Foam Strips - closed cell 1.375x2.375x92
None found	No warnings found on HPD Priority lists				Closed cell foam strips used to prep door to keep polyurethane foam in place during foam injection process	
<b>1,1,1,2-TETRAFLUOROETHANE (HFC-134A)</b>	811-97-2	0.09 %	U	N	N	R134A Freon BASD Foam Blowing Agent 811-97-2
GLOBAL WARMING	EPA-GW: Global Warming Potential greater than 1,000				3 part process that creates the polyurethane foam filler (core)	

**CERTIFICATIONS AND COMPLIANCE**

**Certifying Party** = First: Manufacturer's self-declaration; Second: Verification by trade association or other interested party; Third: Verification by independent certifier (ideal).

**Applicable facilities** = Manufacturing sites to which testing applies.

Type	Standard or Certification			Certifier or Laboratory	
	Certifying Party	Issue Date	Expiry Date	Certificate URL	
	Applicable Facilities			Notes	
VOC Emissions	GreenGuard - Gold (previously Children & Schools)			GreenGuard Environmental Institute (GEI)	
	3rd party independent certification	2011-05-11	2014-05-11	<a href="http://www.greenguard.org">www.greenguard.org</a>	
	Ceco Door, Milan, TN,			UL GREENGUARD Gold Certification (formerly known as GREENGUARD Children & Schools Certification)	
VOC Emissions	GreenGuard - Gold (previously Children & Schools)			GreenGuard Environmental Institute (GEI)	

	3rd party independent certification	2011-05-11	2014-05-11	<a href="http://www.greenguard.org">www.greenguard.org</a>
	CURRIES, Mason City, Iowa			UL GREENGUARD Gold Certification (formerly known as GREENGUARD Children & Schools Certification)
VOC Emissions	GreenGuard - Gold (previously Children & Schools)			GreenGuard Environmental Institute (GEI)
	3rd party independent certification	2011-05-11	2014-05-11	<a href="http://www.greenguard.org">www.greenguard.org</a>
	Fleming, Woodbridge, Ontario, Canada			UL GREENGUARD Gold Certification (formerly known as GREENGUARD Children & Schools Certification)
VOC Content	N/A			
Recycled Content	Not tested			
		2011-09-11	2014-09-29	<a href="mailto:www.infor@ulenvironment.com">www.infor@ulenvironment.com</a>
	Ceco Door, Milan TN			
		2011-05-11	2014-05-11	<a href="http://www.GREENGUARD.org">www.GREENGUARD.org</a>
	Ceco Door, Milan, TN			
		2011-05-11	2014-05-11	<a href="http://www.GREENGUARD.org">www.GREENGUARD.org</a>
	CURRIES, Mason City, Iowa			
		2011-05-11	2014-05-11	<a href="http://www.GREENGUARD.org">www.GREENGUARD.org</a>
	Fleming, Woodbridge, Ontario, Canada			

#### ACCESSORY MATERIALS

This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products. Note: This declaration is not intended to address hazards of the installation process.

Required or Recommended Product	URL for Companion Health Product Declaration
<b>Condition when required or recommended and/or other notes</b>	

#### NOTES

VOC Emissions - UL Air Quality Sciences, Inc., Truesdail Laboratories, Inc. VOC by ASTM D3960 / SCAQMS 304-91 / EPA Method 24 Air Quality Sciences - CA Section 01350, ASTM D5116, EPA TO-17, ASTM D6196, ASTM D 5197, California OEHHA, California-EPA Air Resource Board list of Toxic Air contaminants (TACs) - Classroom, Office QMS 304-91 / EPA Method 24 Air Quality Sciences - CA Section 01350, ASTM D5116, EPA TO-17, ASTM D6196, ASTM D 5197, California OEHHA, California-EPA OEHHA Proposition 65 list, California-EPA Air Resource Board list of Toxic Air contaminants (TACs) - Classroom, Office VOC Content - VOC by ASTM D3960 / SCAQMS 304-91 / EPA Method 24 Air Quality Sciences - CA Section 01350, ASTM D5116, EPA TO-17, ASTM D6196, ASTM D 5197, California OEHHA, California-EPA OEHHA Proposition 65 list, California-EPA Air Resource Board list of Toxic Air contaminants (TACs) - Classroom, Office