

Name Durat® Solid Surface



Product ID 1 Classification 01 33 29.04 General Requirements: Material Content Form

Website www.durat.com/#!/home

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Description Durat® is a Polyester resin based solid surface material which contains pre-consumer plastic waste. Durat® solid sheet is only delivered as sheets for interior decoration and boards. The material can be processed with woodworking tools.

Release Date 2014-10-09  Self-declared  
Expiry Date 2017-10-09  Second Party Certifier  
HPD URL <https://tool.hpdcollaborative.org/uploads/files/hpds/485/667-20141009101531.pdf>  Third Party Certificate #

### SUMMARY DISCLOSURE

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

#### Residuals Disclosure

- Measured 100 ppm (ideal)
- Measured 1000 ppm
- Predicted by process chemistry
- As per MSDS (1,000 & 10,000 ppm)
- Not disclosed
- Other

#### Full Disclosure of Intentional Ingredients

Yes  No

#### Full Disclosure of Known Hazards

Yes  No

#### Disclosure Notes

Durat® is solid surface material consisting of fillers and pigments encapsulated in cured polyester resin. There are several possible colors for the product. Each color paste used (<1 % of the final product) has independent MSDS and classification according to EU REACH regulations, delivered by the manufacturer. According to the MSDS, color paste are not classified as hazardous substances or mixtures according to EC-directives 67/548/EEC or 1999/45/EC.

#### Contents in Descending Order of Quantity

Alumina trihydrate , POLYESTER , POLYMETHYL METHACRYLATE (PMMA)

#### Hazards

- PBT (Persistent Bioaccumulative Toxic)
- Cancer
- Gene Mutation
- Development
- Reproductive
- Endocrine
- Respiratory

#### Highest concern GreenScreen score - List Translator Unspecified

- Neurotoxicity
- Mammal
- Skin or Eye
- Aquatic toxicity
- Land toxicity
- Physical hazard
- Global warming
- Ozone depletion
- Multiple
- Unknown

#### Total VOC Content

Material (g/L) N/A

Regulatory (g/L) N/A

#### Does the product contain exempt VOCs?

N/A  Yes  No

#### Are there VOC-free tints available?

N/A  Yes  No

#### Notes

#### Certifications + Compliance

VOC Emissions Emission Classification of Building Materials - M1 VOC Content N/A  
CA Section 01350 (CHPS) Emission Test - CDPH/EHLB Standard Method V1.1 - Classroom & Office scenario

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
<b>Hazard A</b>	<b>Warning A</b>					
<b>Hazard B</b>	<b>Warning B</b>					
<b>Hazard C</b>	<b>Warning C</b>					
<b>Hazard D</b>	<b>Warning D</b>					
<b>Hazard E</b>	<b>Warning E</b>					
<b>Notes</b>						
<b>Alumina trihydrate</b>	21645-51-2	40 - 60 %	2	N	N	filler, flame retardant
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
Filler is encapsulated in the solid surface material and sheets and not in inhalable form.						
<b>POLYESTER</b>	113669-95-7	35 - 45 %		U	N	solid surface: binder
None found	No warnings found on HPD Priority lists					
Cured unsaturated linear polyester resin. CAS# not available from the manufacturer. Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008, not classified as dangerous according to Directive 67/548/EEC (MSDS)						
<b>POLYMETHYL METHACRYLATE (PMMA)</b>	9011-14-7	10 - 30 %	LT-U	PI	N	filler
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced					
PMMA filler in the solid surface material exists as granules, and hazard is only applicable for dust formed in fabrication of the sheets.						

## 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
	<b>Certifying Party</b>	<b>Issue Date</b>	<b>Expiry Date</b>	<b>Certificate URL</b>
<b>Applicable Facilities</b>				
<b>Notes</b>				

VOC Emissions	Emission Classification of Building Materials - M1			Building Information Foundation RTS (Finland)
	2nd party industry based certification	2014-05-09		<a href="https://tool.hpdcollaborative.org/uploads/files/certifications/485/1412761360.pdf">https://tool.hpdcollaborative.org/uploads/files/certifications/485/1412761360.pdf</a>
	All			
	The tested product complies with the requirements of the M1 Protocol for Chemical and Sensory Testing of Building Materials as published by Rakennustietosäätiö (version 1.1.2014).			
VOC Content	N/A			
Recycled Content	Not tested			
	CA Section 01350 (CHPS) Emission Test - CDPH/EHLB Standard Method V1.1 - Classroom & Office scenario			Eurofins
	1st party manufacturer claim	2014-05-09		<a href="https://tool.hpdcollaborative.org/uploads/files/certifications/485/1412760974.pdf">https://tool.hpdcollaborative.org/uploads/files/certifications/485/1412760974.pdf</a>
	All			
	The tested product complies with the requirements of of the Standard Method for the Testing and Evaluation of VOC Emissions from Indoor Sources using Environmental Chambers, version 1.1 of February 2010 by the California Department of Public Health.			

### 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>	
Any polyester glue suitable for resin	
Terms and conditions of use appropriate for the selected product and following the MSDS of the product.	

### NOTES