



Technical Data Sheet & MSDS Information

853-590 High-Temp Plastisol (PVC)

Technical Data		
Specifications	Method	Typical Results
Physical State		Liquid Polymer
Weight per Gallon	Gardner Cup	10.09 – 10.59 lb/gal
Specific Gravity	Gardner Cup	1.23 – 1.27 g/cc
Viscosity	Brookfield #4 Spindle 20 RPM 78°F	2000 – 3500 cps
Durometer Shore A	ASTM D2240	81 -87 (A)
Color	INTERNAL	Black
Tensile	INTERNAL	> 1,750 PSI
Elongation	INTERNAL	300%

PVC Plastisol PHUHT853-590 (SM1208-0017)

Typical applications:

- Industrial protective coatings
- Sealants
- Certain moldable devices
- Grips, fittings, caps, & plugs

Product benefits:

- Enhanced appearance
- Insulation
- Resistance to certain chemicals

It can withstand 200°C for at least 10 mins, product should be stored in a cool and dry place free of moisture. Ideally returned to original packaging when not in use for extended periods of time. Some separation will occur over time, in certain cases some light mixing may be required prior to use. For best results use within 6 months of manufacture.

For Safety & Handling information refer to SDS.



Compliance Status	
Please find the following status updates regarding the above-mentioned Item numbers (s)	
Directive / List	Compliance Status
REACH Annex XVII	Contains DINP CAS# 28553-12-0. Not intended for use in toys and childcare articles which can be placed in the mouth by children
ROHS	This product is in compliance with the relevant heavy metals, flame retardants and phthalates requirements of the regulation
ECHA list of SVHC	According to our records, the above items does not contain any SVHC that triggers additional action.
TSCA 12B	This item does not contain any substances on the TSCA Section 12(b)
PFAS, PFOS, & PFOA	Per- and polyfluoroalkyl substances, Perfluorooctane sulfonate, and Perfluorooctanoic acid are not intentionally used in these item(s). Although this product is not routinely tested for their presence, based on product composition knowledge these substances are not expected to be present.
California Prop 65	Contains DINP CAS# 28553-12-0.
Persistent Organic Pollutants	EU Regulation 2019/1021/EU on persistent organic pollutants as listed in the Stockholm Convention - last amended October 2024) are not intentionally used by in this product(s). Although this product is not routinely tested for their presence, based on product composition knowledge these substances are not expected to be present.
Conflict & Extended Materials Reports	<p>The following metals/transition metals/metalloids are not intentionally added to this item(s):</p> <ul style="list-style-type: none">- Gold CAS no. 7440-57-5- Iridium CAS no. 7439-88-5- Osmium CAS no. 7440-04-2- Palladium CAS no. 7440-05-3- Platinum CAS no. 7440-06-4- Rhodium CAS no. 7440-16-6- Ruthenium CAS no. 7440-18-8- Thallium CAS no. 7440-28-0- Lithium CAS no. 7439-93-2- Molybdenum CAS no. 7439-98-7 - Chromium CAS no. 7440-47-3 <p>-Cobalt or Mica</p>

MSDS Information

As defined in the OSHA Hazard Communication Standard, 29 CFR 1910.1200 articles do not require a MSDS / SDS.

Articles are defined by:

An "article" means a manufactured item: (1) which is formed to a specific shape or design during manufacture (2) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (3) which does not release, or otherwise result in exposure to, a [hazardous chemical](#) under normal conditions of use. Any product which meets the definition of an "article," would be exempt from the requirements of the Standard. Sinclair & Rush Ltd considers all finished parts as "articles" and as such they do not require an accompanying MSDS / SDS.

If you require a MSDS for the materials within the articles please contact
osbma@sinclair-rush.co.uk