



DURASLIC · COATINGS

DURASLIC DS 1200 CERAMIC WHEEL COATING KIT

HAND-SPRAYED HYBRID CERAMIC FOR WHEELS/RIMS ·
BRAKE-DUST REPELLENT · 60 ML KIT

SKU

DS-1200

60 ML.

Hybrid ceramic wheel & rim coating based on NanoSlic technology — hydrophobic/oleophobic protection from brake dust, oils and tar; temperature resistant to 500 °F; usable on painted, coated or base-metal wheels and brake calipers (duraslic.com DS 1200 TDS).

PERFORMANCE

ROLE	Hand-sprayed hybrid ceramic for wheels / rims / calipers (mfr TDS)
SURFACES (MFR)	Automotive and truck wheels — painted, coated or base metal; brake calipers (mfr TDS)
WATER CONTACT ANGLE	105° ASTM D7490 (mfr TDS)
N-HEXADECANE CONTACT ANGLE	63° ASTM D7490 (mfr TDS)
ROLL-OFF ANGLE	20° (mfr TDS)
PENCIL HARDNESS	10H Mitsubishi / ASTM D3363 10H (mfr TDS)
FILM THICKNESS	2–4 microns (mfr TDS)
TEMPERATURE RESISTANCE	500 °F / 260 °C (mfr TDS)
CURE (MFR)	Tack-free 20–30 min; 7H after 18 h; full 10H in 3 days RT (mfr TDS)

APPLICATION & PHYSICAL

METHOD	Hand-sprayed ceramic; see separate DS 1200 application instructions / Application Guide (mfr TDS)
PRE-CLEAN	No-residue car shampoo → rinse/dry → Panel Prep & Glass Wipe; road wheels may need extra cleaning; bare metal: DS 50 alkaline pre-clean or Panel Prep (mfr TDS)
SPECIFIC GRAVITY @ 23 °C	1.02 g/cm³ (mfr TDS)
VISCOSITY @ 23 °C	3–5 cP (mfr TDS)
NONVOLATILE CONTENT	21–23% (mfr TDS)
PACK SIZE (CATALOG)	60 ml kit (MDSC catalog)

OVERVIEW

Hybrid ceramic wheel & rim coating based on NanoSlic technology — hydrophobic/oleophobic protection from brake dust, oils and tar; temperature resistant to 500 °F; usable on painted, coated or base-metal wheels and brake calipers (duraslic.com DS 1200 TDS).

DIRECTIONS

- 1 Clean wheels thoroughly; road-used wheels may need additional cleaning before IPA / Panel Prep wipe (mfr TDS).
- 2 Wipe with DuraSlic Panel Prep & Glass Wipe (or DS 50 alkaline pre-clean on bare metal) (mfr TDS).
- 3 Apply per DS 1200 application instructions / Application Guide (mfr TDS).
- 4 Do not disturb during 20–30 min tack-free window (mfr TDS).
- 5 PPE recommended; coatings flammable — see SDS when available (mfr TDS environmental/warning context).

SAFETY SNAPSHOT

**FLAMMABLE COATING FAMILY —
DEDICATED DS 1200 SDS NOT
RETRIEVED; CONSULT
MANUFACTURER SDS WHEN
AVAILABLE**

Dedicated DS 1200 SDS not published on duraslic.com or Wesmar CirTec list — GHS classification omitted.

APPEARANCE (TDS) Clear high gloss (mfr TDS)
SPECIFIC GRAVITY @ 23 °C 1.02 g/cm³ (mfr TDS)
VISCOSITY @ 23 °C 3–5 cP (mfr TDS)
NONVOLATILE CONTENT 21–23% (mfr TDS)

Manufacturer SDS URL not retrieved for this article.

SOURCES

1. Manufacturer tech data / product information — <https://www.duraslic.com/wp-content/uploads/2020/12/DuraSlic-1200-Updated-TDS.pdf>
2. Manufacturer product page — <https://www.duraslic.com/>
3. Manufacturer SDS — not retrieved (see omissions)
4. MDSC catalog for name / SKU / image / pack sizes only — <https://marinedetailssupply.com/products/duraslic-ds-1200-ceramic-wheel-kit-coating-professional-spray-system>
5. Mapping note — MDSC DS-1200 kit → DuraSlic DS 1200 Wheel & Rim Coating TDS (hand-sprayed). Also referenced as Rim Coating on duraslic.com detail-package-estimator.
6. Omissions — Dedicated DS 1200 SDS not found — flash/pH/GHS from SDS omitted; No current product page on duraslic.com sitemap — TDS PDF used as manufacturer source; VOC numeric not published — TDS qualitative only; Spray system / kit accessories not separately sheeted (chemical focus)