UV COATINGS · DRIP-OFF SYSTEM

UniCure-31DT

Regulatory and compliance summary

UV matt base coat for drip-off effect

DOCUMENT NO.	UF/REG/UNICURE-31DT
REVISION	01
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PRODUCT TYPE	UV-curable coating
RELATED TDS	UF/TDS/UNICURE-31DT

This sheet summarises the regulatory status of the product as declared by Uniform Industries. It is derived from the Technical Data Sheet and the Safety Data Sheet and is provided to help converters and brand owners complete their own compliance assessment of the finished article. It is not a certificate of conformity; formal declarations for a specific market, pack or batch are issued on request.

01 PRODUCT IDENTITY

Product name	UniCure-31DT
Product code	See TDS
Product family	UV COATINGS · DRIP-OFF SYSTEM
Chemistry	Free-radical UV-curable acrylate system, 100 % solids
Physical form	Liquid
Flash point	> 100 °C (> 212 °F)
VOC	100 % solids; no added solvents and no VOC emission on cure.

02 HAZARD COMMUNICATION AND TRANSPORT

Topic	Status
CLP classification (EC) 1272/2008	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, Aquatic Chronic 3 – signal word Warning
GHS labelling	GHS07
Safety Data Sheet	UF/SDS/UNICURE-31DT (REACH Annex II format), preliminary issue
Transport (ADR / IMDG / IATA)	Not classified as dangerous goods

03 CHEMICAL REGULATIONS

Regulation / scheme	Status	Evidence
REACH (EC) 1907/2006 – registration	Compliant	Raw materials registered, pre-registered or exempt
REACH SVHC candidate list	None intentionally added > 0.1 %	Supplier declarations; statement on request
REACH Annex XVII restrictions	Compliant	No restricted substances above limits intentionally added
EuPIA Charter on raw material selection (2026)	Assessed – compliant	Replaces EuPIA Exclusion Policy; heavy-metal pigments, named solvents, hazardous plasticisers excluded
CMR substances (cat. 1A / 1B)	None intentionally added	TPO-free (CLP reprotoxic 1B, 2025)
RoHS 2011/65/EU (Pb, Cd, Hg, Cr VI, PBB, PBDE, phthalates)	Compliant	Heavy-metal-free pigments; no listed phthalates
EN 71-3 toy safety (migration of elements)	Statement on request	Pigment selection; test reports for specified grades

Regulation / scheme	Status	Evidence
Halogenated compounds	No halogenated raw materials intentionally added	Formulation review
Conflict minerals (3TG)	Not applicable	No tin, tantalum, tungsten or gold used
California Proposition 65	Statement on request	Formulation review
Ozone-depleting substances	None	Formulation review

04 FOOD PACKAGING AND MIGRATION

Topic	Status
Intended food-contact status	Not permitted for direct or indirect food contact. May be used, as directed and fully cured, on the outside of food packaging where the filled product is protected against migration by a functional barrier (Regulation (EC) 1935/2004).
Regulation (EC) 1935/2004 framework	Applies to the finished article. The printed ink / coating layer must be separated from the food by the substrate or a functional barrier; the packer is responsible for the compliance assessment of the pack.
Regulation (EC) 2023/2006 GMP	Manufactured under documented good manufacturing practice.
Photoinitiators	Standard low-extractable package; free from TPO and ITX. Not designed for food packaging where migration is a concern – use the low-migration grade.
Migration	Migration of residual monomers and photoinitiator fragments cannot be excluded from any UV coating. Full cure, controlled film weight, the pack design and a functional barrier are the printer's and packer's means of control; the packer / converter is responsible for verifying compliance with the applicable migration limits for the intended pack.
Swiss Ordinance 817.023.21 Annex 10	Not applicable (not a food-packaging grade)
Nestlé Guidance Note on packaging inks	Not applicable
Odour and taint	Fully cured film is low in odour. Residual odour on the finished product is a symptom of under-cure or of coating absorbed by the substrate – see Troubleshooting.

05 ENVIRONMENT, SUSTAINABILITY AND END OF LIFE

Topic	Status
VOC emission in use	None on cure (100 % solids)
Design for recycling (PPWR)	Cured film is inert; de-inkability depends on grade and film weight – see TDS
Carbon footprint	Cradle-to-gate product carbon footprint data per series available on request (ISO 14067 principles).
Waste classification	EWC 08 03 12* (hazardous) for uncured / liquid waste; cured or dried film non-hazardous
Packaging	HDPE pails / steel drums / IBC; recyclable after cleaning. Take-back of empty drums on request.

06 DOCUMENTS AVAILABLE ON REQUEST

- Technical Data Sheet UF/TDS/UNICURE-31DT
- Safety Data Sheet UF/SDS/UNICURE-31DT (formulation-specific issue under confidentiality)
- Statement of composition and photoinitiator list (UV grades)
- REACH / SVHC declaration

- RoHS and heavy-metal declaration; EN 71-3 test report where available
- Food-contact and migration statement for the intended pack (low-migration grades)
- Certificate of analysis per batch

Prepared by: Technical Service, Uniform Industries. This summary reflects the regulatory position at the issue date and is reviewed when a referenced regulation or the formulation changes. It is issued in good faith and does not replace the user's own compliance assessment of the finished article.