

Adhesive Primer P-20 AF/1

Solvent-Based Adhesion Primer for Temporary Road Marking Tapes

TECHNICAL FEATURES

Description

Solvent-based adhesion primer formulated on a synthetic-polymer base, used as the bonding layer for temporary road marking tapes (including BLE IL Typ II yellow markings) on bituminous wearing courses and concrete substrates. Improves bond strength and durability under traffic load. Highly flammable — see hazard summary opposite and full Safety Data Sheet before use.

⚠ DANGER


FLAMMABLE · IRRITANT · ENVIRONMENTAL

PRODUCT IDENTIFICATION

Trade name	Adhesive Primer P-20 AF/1
Article No.	8072neu
UFI	4265-POMR-J006-SK52
Product type	Solvent-based primer (synthetic polymer)
Intended use	Adhesion primer for road marking tapes
Manufacturer	SWARCO Limburger Lackfabrik GmbH

COMPOSITION (HAZARDOUS COMPONENTS)

Ethyl acetate CAS 141-78-6	40 – 60 wt%
Cyclohexane CAS 110-82-7	20 – 25 wt%
Butanone (MEK) CAS 78-93-3	15 – 20 wt%
Solid content	21 wt% (19 Vol-% non-volatile)
Total organic solvents	79 wt%
Water content	0 wt%

PHYSICAL & CHEMICAL PROPERTIES

Physical state	Liquid
Colour	Per label
Odour	Characteristic (solvent)
Density (20 °C)	0.87 g/cm³
Boiling point	77 °C (ethyl acetate)
Melting point	-86 °C (butanone)
Viscosity (20 °C)	10 s · 6 mm cup (EN ISO 2431)
Kin. viscosity (40 °C)	< 135 mm²/s
Water solubility	Insoluble
VOC content	684.6 g/L (Dir. 2010/75/EU)

FIRE & EXPLOSION DATA

Flash point	-4 °C
Auto-ignition temp.	260 °C (cyclohexane)
Lower explosion limit	1 Vol-% (butanone)
Upper explosion limit	11.5 Vol-% (ethyl acetate)
Vapour pressure (20 °C)	1240 mbar (cyclohexane)
Vapour density	Heavier than air
Suitable extinguishers	Alcohol-resistant foam, CO₂, powder
Unsuitable extinguishers	Strong water jet
Storage temperature	15 – 30 °C, well-ventilated
Storage notes	Upright, sealed, away from sunlight

HAZARD CLASSIFICATION (Regulation (EC) No 1272/2008 — CLP)

Signal word	DANGER
Classification codes	Flam. Liq. 2 · Skin Irrit. 2 · Eye Irrit. 2 · STOT SE 3 · Aquatic Chronic 2
Hazard statements	H225 Highly flammable liquid and vapour. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects. EUH066 Repeated exposure may cause skin dryness or cracking.
Personal protective equipment	NBR (nitrile rubber) gloves > 0.4 mm, breakthrough > 480 min · safety glasses · antistatic clothing · respirator if OEL exceeded

TRANSPORT INFORMATION (ADR / RID / IMDG / IATA)

UN number	UN 1263 — PAINT
Hazard class	Class 3 (flammable liquids), Packing group II
Tunnel restriction code	D/E
Marine pollutant	Yes
IMDG EmS	F-E, S-E

This datasheet is a product summary. For complete safety, exposure-limit, toxicological, ecological, regulatory, and disposal information, always consult the full Safety Data Sheet (SDS) for Article 8072neu, Version 37, issued 07.10.2022 by SWARCO Limburger Lackfabrik GmbH per Regulation (EC) No 1907/2006 (REACH) and (EU) 2020/878.

Manufactured by SWARCO Limburger Lackfabrik GmbH, Robert-Bosch-Str. 17, D-65582 Diez, Germany · Tel. +49 6432 91840 · info.limburgerlackfabrik@swarco.com