

ARCAL 15



ARCAL : the Air Liquide solution for shielding gases and mixtures in arc welding

● Applications

- TIG and Plasma welding of austenites
- TIG and Plasma welding of Nickel base alloys
- Robotic welding of stainless steels
- TIG multi-cathode welding of stainless tubings
- Root shielding of austenitic stainless steels

● Transport information

Compressed gas

Proper shipping name	Compressed gas, flammable N.O.S.
UN Nr	1954
ADR/RID	Class 2 Classification Code 1 F



● Physical information

- Relative density, gas heavier than air
- Colour colourless gas
- Odor none

● Properties

- Hazards identification: extremely flammable
- Flammability range: extremely flammable
- Personal protection: do not smoke while handling product, ensure adequate ventilation

● Cylinder equipment

- Valve fittings :
W 21.8 x 1/14", left, external thread, DIN 1
SMARTOP: W 21.8 x 1/14", left, external thread, DIN 1
Shoulder colour: red (RAL 3000)



● Safety Data Sheet

Access: www.airliquide.no

● Product Specifications

Components (% Vol. abs)			Impurities (ppm v/v)	Supply mode	Packaging size	Pressure (bar)	Capacity (m³)	Product reference
H ₂	5 %	±0.5 %	H ₂ O (5 bar) ≤ 40	Cylinder	L50 Smartop	200	10.9	I2550L50S2A001
Ar	Balance		O ₂ ≤ 20	Bundle	V12	200	130.4	I2550V12R2A001
			N ₂ ≤ 80					

Product compliant with EN ISO 14175-R1-ArH-5 Standard (welding application)

DISCLAIMER

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