

Supa Stainless 98



Description

This Stainless MIG gas is a very low oxidizing mix suited for all MIG Welding in the short circuit, spray and pulsed modes on all stainless and duplex materials. Compared with Helium three-part mixes which are; more costly and produce higher arc energy, Supa Stainless 98, when used on thin gage applications can provide;

1. less material distortion,
2. less weld burn through,
3. less contact tip issues,
4. improved arc stability,
5. lower cost gas,
6. more gas in the cylinder,
7. less opportunity for stress corrosion cracks, hot crack, and micro cracks. When using Supa Stainless 98, on spray or pulsed applications, >4mm thick, you can expect cleaner welds, however when welding thinner gages keep in mind that most of the black or grey weld surface oxidation is occurring from the reaction of heated thin parts and the parts reaction with the oxygen in the atmosphere.

Applications

- MIG welding of Stainless and Duplex Steels

Hazard statement(s)

- Contains gas under pressure; may explode if heated.

Prevention statement(s)

- None allocated.

Response statement(s)

- None allocated.

Storage statement(s)

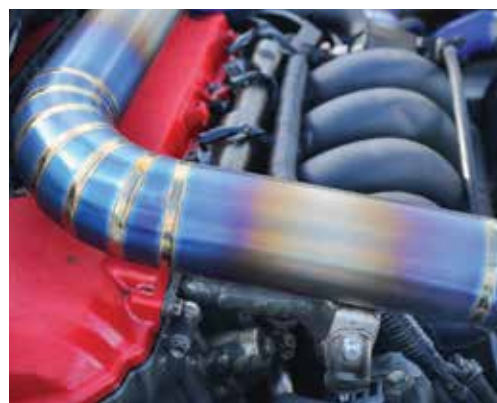
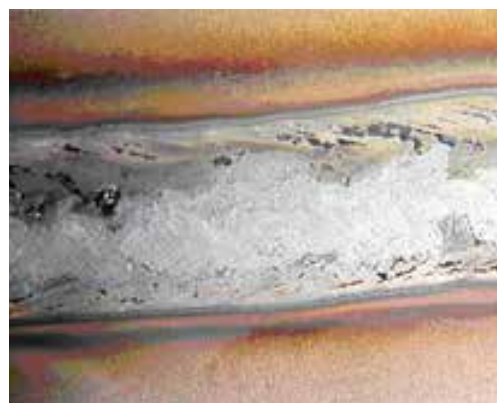
- Protect from sunlight. Store in a well-ventilated place.

Other hazards

- Asphyxiant. Effects are proportional to oxygen displacement.

Signal Word:	Warning
UN No.:	1956
Hazard No.:	2T
Chem Symbol:	N/A
Classification:	AS 4882-2003: SG-AC-2

Pictograms:



Supa Stainless 98

General Specifications

Specifications	E Cyl.	G Cyl.	12 Pack
Cylinder/Pack (101.325kPa @15°C) - L	4.9	10.5	183.0
Water capacity per cylinder - L	23	50	600
Cylinder Colour	Peacock Blue/Green Grey Shoulder		
Outlet Connection	Type 10		
Package Dimensions (H x W x D) - mm	780 x 230	1,510 x 230	1,900 x 780 x 1,020

Cylinder dimensions are approximate – variations may occur due to manufacturing tolerances. Height includes the valve. Container sizes may vary from state to state.

Package Sizes Available



Quality Assurance

Supagas Pty Ltd is committed to comply with the requirements of ISO 9001-2015 and to continually improve the effectiveness of our Quality Management System.

Everyone at Supagas understands we must provide a safe environment for both our employees and the wider community. We are therefore committed to implement and maintain a continual improvement approach throughout the organisation whilst also meeting all applicable statutory and regulatory requirements.

NATA Accreditation

The Supagas Laboratory located in Ingleburn, NSW has a NATA Accreditation (No. 18955). Accredited for compliance with ISO/IEC 17025 and ISO Guide 34, Reference Gas Mixtures prepared to ISO 6142.



Typical Analysis

Ar	CO ₂	O ₂	Moisture
Balance	2% ± 0.5%	<10ppm	<10ppm

For Further Information

On how we can help you with all your gas and welding needs, drop in to your local Supagas branch or call Customer Service on 13 78 72.