

	TECHNICAL SHEET	CODE: FT-ID-01
		VERSION: 1
		DATE: 08/01/2021

NIPLEX 77

COMPLEXING ADDITIVE OF METALLIC IMPURITIES IN NICKEL BATHS

• OVERVIEW

NIPLEX 77, is a complex additive of metals, such as Zinc, Copper and Iron, which, being in the form of metallic impurities within a bath of Shiny Nickel, allows them to be deposited in the form of a homogeneous alloy with Nickel without presenting the characteristic defects that produce these contaminants.

The co-deposition of contaminating metals in the form of a homogeneous alloy with Nickel, which is obtained with NIPLEX 77, produces a continuous electrolytic purification of the Nickel bath while the bath is normally worked, avoiding the costly and time-consuming conventional electrolytic purification processes.

NIPLEX 77 is used especially in nickel baths that work with zinc alloys (Zamack) where contamination with this is inevitable and usually of considerable proportions.

NIPLEX 77 is easy to use and immediate results, when there are non-excessive metal contaminations, allowing to add to the bath of 4 - 6 cc / l of the product and letting the nickel tank rest for 15 minutes until it is completely homogenized.

The preventive use of NIPLEX 77 through small additions (1 - 2 cc / l), added periodically to the nickel bath, allows to keep completely sequestered the metal impurities that the nickel bath is incorporating regularly, allowing them to co-deposit with the nickel in a homogeneous way, thus avoiding the appearance of critical defects that the contaminating metals produce when they reach a certain concentration. **A:** N/A

IMO: N/A

1. OPERATING CONDITIONS

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Agitation	Mechanics or air
pH	3.8 – 4.5
Temperature	50 - 60 ° C
Filtration	Go on

2. PHYSICO-CHEMICAL SPECIFICATIONS

Aspect	Colorless
Physical	liquid
state	Liquid
Color pH	Colourless
Density	3.5 – 6.5
Solubility in	0,99 – 1.03
water	Complete
Chemical Nature	Acid

3. PRECAUTIONS AND WARNINGS

Avoid contact with eyes and direct inhalation, otherwise wash with plenty of water for 15 minutes. If the reaction persists, consult your doctor. Do not eat food during product handling. Keep out of reach of children and pets.

4. STORAGE CONDITIONS

Store in a cool, dry, ventilated place. Keep closed in its original container, away from sunlight and preferably from any other source of light and heat of long exposure.

1. MANUFACTURED

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3. CONTENT UPDATE

Date	Changes made	Responsible	Area
16/05/2022	Upgrading to a new format	Ana Sofia Valencia Ortega	Quality Control

4. REVISION OF THE DOCUMENT

Date	Revised	Responsible	Area
16/05/2022	Upgrading to a new format	Quality Coordinator	Quality Control

CONTROL OF THE DOCUMENTED INFORMATION

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