



environmental friendly products

Lead-free Mold Inspection Agent

SP-RED

Precision Finishing

SP-BLUE

General Use

N-RED

General Use

N-RED-T

Color Check Use

SHINMYOTAN

新明丹



Lead-free
Mold Inspection Agent

product features

- Safe as environmentally-friendly products (RoHS 2, PRTR, etc.)
- Can be applied over 5 times larger a surface area than the conventional red lead
- A thin and even coat enabling accurate contact inspection
- Can be used as is, eliminating the cumbersome task of mixing with oil
- Easily washes off skin and clothing



NAKATANI CO. LTD.

株式会社 ナカタニ

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Aim of Product Development

Traditionally, red lead had been widely used as an indispensable subsidiary material in metal processing. Red lead has been commonly used also because of its extremely fine and shiny particles with extensive usability as an inorganic pigment in orange.

However, lead oxide (red lead, Pb3O4) dust is toxic to human body, it is attracting quite a lot of attention recently as a harmful substance, so “lead-free” movements are becoming more pervasive.

NAKATANI takes this issue seriously, and based on our years of research, we have completed a new, environmental, and human body friendly “lead-free SHINMYOTAN series”, which has received a huge number of positive reviews.



Product Introduction

Item Name	Use		Appearance (Property)	Capacity
SHINMYOTAN SP-RED	Precision Finishing	Precision finishing, general use, color check use Alignment inspections of machined parts Gear engagement inspections Plane finish unevenness inspections Die contact inspections Sliding faces contact inspections Marking-up work	Brilliant Red Vermillion (Paste)	400g
SHINMYOTAN SP-BLUE	General Use		Brilliant Blue Vermillion (Paste)	400g
SHINMYOTAN N-RED			Brilliant Orange (Paste)	400g or 4kg
SHINMYOTAN N-RED-T	Color Check Use	Use in various inspections / confirmations	Brilliant Orange (Liquid)	4kg

Viscosity adjustment: Please use mineral oil when adjusting the viscosity of Shinmyotan.
Oil may occasionally float depending on the transportation method and storage condition. In such case, stir it with a stick properly in order to use it normally.
When opening the container, please wear protective gloves to prevent cutting hands.

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◁ SDS(Safety Data Sheet) Download