



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

No. MSDS : MSDS - 211  
Revision : 00  
Effective Date : April 14, 2008

Product name : NC Sanding Sealer  
Code : NLS-800-ST  
Product use : Under Coat  
Product Description : **NLS-800-ST** is special product with low aromatic solvent, used for the medium coating of materials mainly base on nitrocellulose, alkyd resin, plasticizer and transparent filler for good sanding property. It has good physical properties such as workability, sealing and filling, adhesion and thick film.  
Manufacture's Name : PT WARNATAMA CEMERLANG  
Address : Jl. Raya Sumengko Km 31.6 Wringin Anom – Gresik 61176  
Telp. ( 62 31 ) 8978555 ( Hunting ) Fax. (62 31) 8976443  
Email : [lab.sby@cemerlangpaint.com](mailto:lab.sby@cemerlangpaint.com)  
Website : <http://www.cemerlangpaint.com>

2. PRODUCT COMPOSITION

INGREDIENT INFORMATION	CAS #
Nitrocellulose	9004-70-0
Ethylene Glycol	111-76-2
n-Butyl Acetate	123-86-4
Methyl Benzene	1330-20-7
Iso-Butyl Alcohol	78-83-1
Alkyd Resin	6318-69-6
Levelling Agent	-

3. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Semi Transparent Clear  
Color : Natural  
Flash Point : 35 °C  
Solubility : Not Soluble in Water  
Solid content : 30 ± 2 %  
Specific gravity : 0.95 ± 2 g/cc  
Viscosity : 80 ± 2 KU  
Mixing ratio (B: Th) : 1 : 1  
Application Viscosity NK2 : 11 sec  
Thinner : Lacquer Thinner ST (NLT-030-ST)



## MATERIAL SAFETY DATA SHEET

### 4. HAZARD IDENTIFICATION

- **HEALTH EFFECTS**  
Irritating to eyes, respiratory system and skin. May cause sensitization by skin contact.
- **ENVIRONMENTAL EFFECT**  
On the basis of available information, this product is not expected to produce any significant adverse environmental effect when recommended use instruction are followed.
- **FIRE HAZARDS**  
Flammable liquid.

### 5. FIRST AID MEASURES

- **INHALATION**  
Remove affected person to fresh air and keep at rest. If breathing is irregularly or stopped, administer artificial respiration. Obtain medical advice immediately.
- **EYE CONTACT**  
Remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.
- **SKIN CONTACT**  
Remove contaminated clothing. Wash skin thoroughly with soap and water. Do not use solvents or thinner. If irritation persists, seek medical attention.
- **INGESTION**  
Give two glasses of water for dilution; seek medical attention.

### 6. FIRE FIGHTING MEASURES

- **EXTINGUISHING MEDIA**  
Carbon dioxide, water fog, dry chemical, chemical foam.
- **FIRE FIGHTING PROCEDURES**  
Self - contained respiratory equipment; cool containers to prevent pressure buildup and explosion when exposed to extreme heat.
- **HAZARDOUS COMBUSTION PRODUCTS**  
Smoke, fumes, oxides of carbon.

### 7. ACCIDENTAL RELEASE MEASURES

**STEP TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** CAUTION – FLAMMABLE - Evacuate and ventilate area; confine and absorb into absorbent; place material into approved containers for disposal; do not discharge into lakes, ponds, streams, or public waters.

### 8. HANDLING AND STORAGE

- **HANDLING**  
The product should be handled in a well – ventilated area. Keep container tightly closed. Isolated from sources of heat, sparks and open flame. Smoking, eating and drinking should be prohibited in application area. For personal protection see section 8. Never use pressure to empty: container is not a pressure vessel.
- **STORAGE**  
Storage in closed container away from sources of heat in a well ventilated area.



## MATERIAL SAFETY DATA SHEET

### 9. PERSONAL PROTECTION

- **RESPIRATORY PROTECTION**  
Wear suitable respiratory protection if exposure limits may be exceeded. Airline respirator or cartridge respirator with appropriate filter.
- **HAND PROTECTION**  
Wear impermeable gloves.
- **EYE PROTECTION**  
Use safety eyewear designed to protect against splash of liquid (goggles)
- **SKIN PROTECTION**  
Wear suitable protective clothing.

### 10. STABILITY AND REACTIVITY

This preparation contains materials which are unstable under following condition ; exposure to heat (above 40 °C), strong UV-sources, free radical initiators, peroxides, strong alkalis or reactive metals. These could cause the product to polymerise exothermially. Unintentional contact with them should be avoid.

### 11. TOXICOLOGY INFORMATION

Acute oral toxicity	: N/A
Irritant effect to skin	: N/A
Irritant effect to eyes	: Irritant

### 12. ECOLOGICAL INFORMATION

There is no data available on the preparation it self. Based on the chemical composition of the product is assumed that the mixture can be treated in an acclimated biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in the mixture are classified as Marine Pollutant.

### 13. DISPOSAL CONSIDERATIONS

Do not allow me drains of water courses. Wastes and emptied containers should be disposed of according to local regulation. Do not flush to sanitary sewer or waterway.

### 14. TRANSPORT INFORMATION

Road transport ADR/ RID	: Non-hazardous goods
Marine transport	: Non-hazardous goods
Air transport	: Non-hazardous goods

### 15. REGULATORY INFORMATION

Hazards warning labeling not compulsory

### 16. OTHERS INFORMATION

This information is based on our present states knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for – a particular application.