



YACHT PAINTS

MATERIAL SAFETY DATA SHEET

Date: 5.12.2002

"RYLARD SUPERSMALTO "

1. IDENTIFICATION OF THE CHEMICAL PRODUCT AND OF THE MANUFACTURER

- 1.1 Product name: **"RYLARD SUPERSMALTO "**
- 1.2 Product code: S
- 1.3 Manufacturer: B.R.A.V.A. Basso Ryland Azienda Vernici Affini Srl
16010 CERANESI (GE) Via B.Parodi 284a
- 1.4 Telephone contact in case of urgent communications: (+39).010.782.864

2. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains these substances:

Chemical name: White Spirit (<2% aromatic) N.CEE: 650-001-00-0
% WT: 22±2
Symbol: Xn
R phrases: R10

All pigments are lead-, cadmium- and chrome-free.

3. HAZARDS IDENTIFICATION

Flammable. The mixture of product vapour and air could be explosive. Keep away from sources of ignition

4. FIRST AID MEASURES

EYE CONTACT: Flush eyes with a large amount of water for at least 15 minutes. Consult a physician if irritation persists.

SKIN CONTACT: Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.

INHALATION: Move subject to fresh air.

INGESTION: DON'T CAUSE VOMIT. If swallowed, give 2 glasses of water to drink. Consult a physician. Never give anything by mouth to an unconscious person

5. FIRE FIGHTING MEASURES

Extinguishing media

- Suitable: Powder, carbon dioxide, foam, watermist (only large amount)
- Not to be used: not applicable

Hazardous thermal decomposition and combustion products: in case of fire fumes will be formed
Protection of firefighters: wear protective clothing and use self-contained breathing apparatus.



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6. ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION: appropriate protective equipment must be worn when handling a spill of this material.

PROCEDURES: Keep spectators away. Floors may be slippery; use care to avoid falling. Contain spills immediately with inert materials (e.g. sand, earth). Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

7. HANDLING AND STORAGE

7.1 **HANDLING PROCEDURES:** operate in fresh place ; see section 8.

7.2 **STORAGE CONDITIONS:** keep from freezing; material may coagulate. The minimum recommended storage temperature for this material is 1°C/34°F. The maximum recommended storage temperature for this material is 49°C/120°F.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. Air-purifying respirators should be equipped with an ammonia/methylamine cartridge.

HAND PROTECTION: The glove(s) listed below may provide protection against permeation. Glove of other chemically resistant materials may not provide adequate protection:

-Neoprene

EYE PROTECTION: Use chemical splash goggles (ANSI A87.1 or approved equivalent).

EXPOSURE LIMIT INFORMATION (ACGIH 1991/1992):

TLV - TWA: 100 ppm=575 mg/m³

9. CHEMICAL AND PHYSICAL PROPERTIES

STATE:	liquid
COLOR:	see point 1.1
ODOR:	slightly aromatic
VAPOR PRESSURE:	8 mbar
BOILING POINT:	153-198°C
SPECIFIC GRAVITY (DIN 53217):	1.200 kg/dm ³
SOLUBILITY IN WATER:	not dilutable
VAPOR DENSITY:	4.5 (white spirit) (air=1)
SOLUBILITY IN ORGANIC SOLVENTS:	aromatic hydrocarbons, ketones
FLASH POINT:	+40°C
EXPLOSIVE LIMITS IN AIR:	0.6-6.5 (white spirit)
SOLIDS PERCENTAGE BY WEIGHT:	80±2 %



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10. STABILITY AND REACTIVITY

This material is considered stable under normal use conditions.
HAZARDOUS DECOMPOSITION PRODUCTS: none.

11. TOXICOLOGICAL INFORMATION

Typical data are (referred to white spirit):

Oral LD50 - rat: >65000 mg/kg
Dermal LD50 - rabbit: >30 g/kg
Eye: not known
Inhalation: LC50, rat, 4 hr: >14 mg/l

12. ECOLOGICAL INFORMATION

No Available Data.

13. DISPOSAL CONSIDERATION

The product is considered to be hazardous waste according to EU - Directive 91/689/ECC. Take local authorities advice with handling of waste. Controlled incineration.
Disposal emptied drums only to licensed drum reconditioners.

14. TRANSPORT INFORMATION

RID/ADR: UN 1263, solvent based paint, flammable 3.31 c, ADR

IMO/IMDG: Code 3.3 IMDG - RINA: code 3c 64 pag. 3379
UN 1263 - EmS: 3-05 - MFAG: 310

ICAO/IATA: Code 3

15. REGULATORY INFORMATION

EEC DIRECTIVES 88/379:

SYMBOLO: -----

CONTAINS: -----

Risk-phrases R10 - flammable

Safety-phrases S23 - Do not breath vapours
S38 - when not adequated ventilation, use a respiratory protection



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16. NOTE

BIBLIOGRAFY - THRESHOLD LIMIT VALUES AND BIOLOGICAL EXPOSURE INDICES
FOR 1991/1992 ACGIH Cincinnati, Ohio
DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS (seventh ed.)
N. Irving Sax & Richard J. Lewis, Sr. - VAN NOSTRAND REINHOLD (N. Y.)

The information contained herein relates only to the specific material identified. G.FARBEX believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, express or implied, is made as to the accuracy, reliability, or completeness of the information.