



MSDS

NC PRIMER PRNC101-199

Fast drying nitrocellulose wood primer.

BMA PAINTS for commercial and industry – NAHR EL MOTT – LEBANON

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STABILITY AND CHEMICAL REACTIVITY:

- This product is relatively stable .
- This product do not thermal –decompose if it's used and stored according to the specifications .
- Hazardous polymerization is not expected .
- Hazardous decomposition of this product may release CO₂, CO, NO, NO₂, and small amount of hydrocarbons.
- This product doesn't self-ignite.
- This product is incompatible with strong Oxidizing agents, acids and alkalis.

COMPONENTS:

Component	% by weight	C.A.S. #
Toluol	8 – 20 %	108-88-3
M.E.K.	0 – 4 %	78-93-3
B.A.	10 – 15%	123-86-4
M.I.B.K.	0 – 5 %	108-10-1
Xylene	0 – 22 %	1330-20-7
Charges	24 – 42 %	N.R.
Nitro NC 90 (15-20)	0 – 8 %	71147-55-2
Nitro NC 35 (1/2)	0 – 13%	618-95-1
Nitro NC 19 (18-25)	0 – 3 %	611-06-3
Additives	5 – 16 %	N.R.
Resin	5 – 20 %	N.R.

N.R. : not regulated – depending on the used products, which are usually not hazardous.

PRINCIPLE CHARACTERISTICS:

- High weathering, cracking, and abbrasion resistance
- High opacity properties
- Good sanding
- Fast drying
- Fast handling
- Not suitable for immersion in water
- HS code: 3208 10 90

APPLICATION TIPS:

- Air-spray : dilute with 25 – 35 % of thinner .
- Brush / roller : dilute with 10-15 % of thinner .
- Before applying, the surface must be dry and clean from any contamination .
- Cleaning - up : clean hands and tools with thinner .

PHYSICAL CHARACTERISTIS @25°C:

- Specific gravity : 1.27 g/cm³ (water : 1g/cm³)
- Flash point : 30°C
- Boiling point : 70°C <B.P.<120°C
- Viscosity : 75 poises
- Solid content : 55 %
- V.O.C. content : 18 - 40 % (by weight)
- Evaporation rate : slower than butyl acetate
- Vapor pressure : 2.7 – 10.3 mm Hg
- Vapor density : heavier than air
- Solubility : soluble in organic solvents
- Solubility in water : < 10 %
- Miscibility with water : not miscible
- **Explosion limits** : Lower : 1.2 Vol %
Upper : 7.5 Vol%
(it doesn't present any explosion hazard)
- Color : white – black – grey or upon request
- Appearance : thick liquid
- Odor : thinner odor
- Touch dry after : 15 minutes
- Hard dry : 5 hours
- Spreading rate : 8 – 10 m²/L

FIRE FIGHTING MEASURES:

- Extinguishing media : - Carbon dioxide
-Waterfog
-Alcohol resistant foam
-Dry chemicals.
- Special procedure :- evacuate fire area
-Do not enter without fire resistant suit and special breathing media.
- Fight fire from a distance due to the threat of pressures in containers which can cause an explosion.

TOXICOLOGICAL AND ECOLOGICAL

INFORMATIONS:

- This product is not established as carcinogen If it's used according to the specifications .
- This product should not reach the ground or the water course - it might accumulate in the water systems (water hazard classification WGK 1) .
- In case of moderate exposure , this product is considered having low toxicological effect , except by the ingestion media .

ENVIRONMENT PROTECTION:

- Contain and collect this product leaks with non – flammable and absorbant materials such as sand , soil dust ,.....
- The empty cans could contain some product residue , which is relatively flammable ; get rid of them According to your country regulations .

FIRST AIDS MEASURES:

This product has usually a low toxicity ; there is no need for severe safety precaution unless large amounts are absorbed . Although it might have some neurological effect , so it's essential to apply it away from pregnant women and children .

Route of entry	Risk	First aid
Eye contact	Eye irritation after a prolonged exposure	Rinse eyes with large amount of clean water
Skin contact	Skin moderate irritation after a prolonged exposure	Wash the affected zone with soapy water and remove contaminated clothes
Inhalation	Headache, nausea, dizziness, vomiting, narcosis, nose, throat & lungs irritation, only after a prolonged exposure.	The affected person should be moved to a very well ventilated area ; if the symptoms persist or the breathing stops , an immediate medical care is required
Ingestion	Nausea, vomiting, diarrhea, dizziness and gastrointestinal irritation.	Let the affected person drink a large amount of water , without inducing vomiting ; seek a medical care immediately

HEALTH AND SAFETY:

- The Product is flammable ; It burns with intense heat . Avoid unnecessary exposure to heat , vapors and travel to source of ignition and flash back .
- Do not smoke while using this product .
- This product is considered having relatively low toxicity , during a short exposure period and a relatively low dose , except by ingestion media .
- Do not eat or drink during the application of this product .
- Keep away from the reach of children .
- Apply away from pregnant women , children and people with respiration problems .

HANDLING AND STORAGE:

- Store in tightly closed containers & keep away from humidity , freezing , direct sunlight , heat , sparks and open flame .
- Apply this product in a well ventilated area , because the released vapors may provoke respiratory irritations .
- Do not hang this product pack on a hook .

TRANSPORT INFORMATION:

- This product is considered as flammable .
- Keep the container well closed and in upright position during transportation .
- IMO class : 3
- UN number : 1263
- Hazard class : flammable liquid 3
- Label : Paint
- Packaging group : II
- Transportation : overland , by air & by sea .

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