

3800THINNER FOR 3805N &3820N

The thinner is a reducer for use with paint concentrate 3805N-3820N Conductive nickel coating paint. This enables the correct spray characteristics to be obtained when spray coating to provide effective EMI/RFI shielding on plastic housings used in the electronics and computer industries.

PHYSICAL PROPERTIES

The reducer is a mixture of substances, Xylene mix and Butyl Ethanoate

General Information	
Form	Fluid.
Color	According to specification.
Odour	Characteristic.
Change in condition	
Melting point/Melting range	Undetermined
Boiling point/Boiling range	126°C
Flash point	25°C
Ignition Temperature	370°C
Self Igniting	Product is not self igniting.
Danger of Explosion	Product is not explosive, possible formation of explosive air and vapour mixtures.
Explosion limits	
Lower	1.1 vol%
Upper	7.0 vol%
Vapour pressure at 20C:	6.7hPa
Density	0.871 g/cc
Solubility in miscibility with water	Not miscible
Solvent content	
Organic solvents	100%

AVAILABILITY

3800thinner is available in 5 litre cans

SPRAY COATING

3800thinner should be used to dilute the concentrate paint 3805N-3820N to suit local spray conditions. Typically 2 parts of concentrate to 1 part thinners can be used in a conventional gravity feed spray gun or, alternatively, a pressure pot with agitator. A gun Pressure of 30 psi is recommended. Two passes of the diluted paint are normally required to give the optimum thickness and surface resistivity values.

PRECAUTIONS

Details of hazard and transportation and associated risks are given in the MSDS sheet.

Highly Flammable- Keep away from sources of ignition- No Smoking (S16). Keep away from heat, sparks and open flames. Keep all containers closed when not in use.

Use Under Well Ventilated Conditions- Do not breath vapour (S23). Harmful by inhalation (R20). In case of insufficient ventilation- wear suitable respiratory equipment (S38), such devices must be used in accordance with the manufacturer's instructions. For excessive vapour inhalation, remove to fresh air and summon medical attention.

Avoid Contact With Skin And Eyes (S24/25)- In case of skin contact, wash with soap and water, dry and apply work cream. Eye contact- flush with water for at least 15 minutes and seek medical attention. = If accidentally swallowed, summon medical attention.