

RDL 44 DRUM LINING LACQUER

COMPOSITION	<p>The lacquer is based on a blend of epoxy and phenolic resins dissolved in a mixture of organic solvents with dispersed iron oxide and titanium dioxide pigments.</p> <p>For use in drums the lining is baked at high temperatures which eliminates all solvents and causes a condensation reaction between the resins leaving a highly crosslinked structure of the epoxy phenolic type with a finely dispersed inert inorganic pigmentation.</p>
COLOUR	Golden Brown (buff)
APPLICATION	<p>Normal application to drums is by spraying onto clean steel components followed by a bake above 200°C temperature.</p> <p>A typical one coat thickness (RDL 44/1) will be about 10 microns and a two coat thickness (RDL 44/2) about 16-20 microns.</p>
PROPERTIES	<p>The lacquer is flexible (passes BS3900 Part E3 at 2.5mm indentation) and has good adhesion to steel.</p> <p>The lacquer has reasonable chemical resistance to aqueous products across the pH range ca. 4 to 10. There is also good resistance to organic solvents although there can be some sensitivity to certain types of polar solvents on prolonged exposure or at elevated temperature.</p> <p>Lacquers of this type account for 90% of the products packed in lacquer lined drums. RDL 44 has been in use for over forty years and is available from Van Leer plants all over the world. A considerable library of compatibility data is available but where prior information on compatibility does not exist, facilities are available to carry out tests for clients.</p>
FOOD CONTACT	<p>The non-volatile contents of RDL 44 meet the requirements of the US Food and Drug Administration under CFR 21 Part 175.300 for use as the contact surface of articles for packaging, processing or holding food. With this compliance the lacquer also meets the requirements of SI 1523.</p>