



ORMPH (Mining Putty)

Product Description

- 100% solids
- 1:1 by volume
- Polyurea urethane mastic repair material
- contains no VOC's

Primary Applications

-Intended for use as a trowel or brush applied material for filling voids in molded plastics, wood, concrete and masonry.

Chemical Resistance

Good hydrolytic stability to 200° F. Excellent resistance to inorganic bases, acids, and hydrocarbon solvents. Good resistance to oxygenated and chlorinated solvents.

Toxicity

Protective equipment is not normally needed for putty knife or trowel application.

Storage Stability

Six months in unopened containers at 50-80° F

Typical Physical Properties

Tensile Strength	ASTMD-412	4000
Hardness (shore D)	ASTM-D-2240	70-75
Tear Strength (PLI)	ASTM D-624	300
Ratio A/B	Volume	1:1
Density B side (neutral color)	11.44 lbs/gallon	
Density A side	12.58 lbs/gallon	
Flash Point	above 200° F	
Viscosity A & B	Soft paste	
Abrasion resistance is good when fully cured. Readily Sandable when partially cured.		

Mix

1:1 by volume

Reactivity and cure time

Product reacts to a stiff paste in 30-60 seconds. Material then slowly polymerizes to a sandable solid in 1-2 hours and cures hard in 16-24 hours. Accelerant can be added for more rapid cure times.

Equipment

Mix in disposable containers. Use putty knife or trowel to apply.

Cleaning

Clean equipment with Toluene, Xylene, oxygenated or chlorinated solvents. Fully cured equipment may require Methylene Chloride or M-Pyrol based paint stripper for cleaning.

Color

Standard color is natural amber-tan. Custom colors are available.

Accelerant Additive

The accelerant additive may be added to the ORMPPH or the ORMPS at the rate of 2-5 drops per pint of mixed product. The number of drops is measured by the number of drops off of a 3/8" to 7/16" wide flat blade screwdriver that has been dipped into the bottle of accelerant. This will speed up the product cure from mix up to tack free and sandable to about 30 minutes. To adjust this time, add or subtract drops of the accelerant.

Warranty

The technical data and any other printed information furnished by Coating Holdings LTD (CH LTD) are true and accurate to the best of our knowledge. ORMPPH conforms to in house quality control procedures and should be considered free of defects. The data provided is believed to be reliable and is offered solely for evaluation. The use of this product is beyond the control of the seller, therefore the buyer assumes all risks of use and handling, whether done in a matter that is in accordance with the provided posted directions or not. CH LTD makes no warranty, expressed or implied, of its products and shall not be liable for indirect or consequential damage in any event. 10/20/09