



# Heat Resistant Stoving Enamel Based On PKHW 34

## Anti-Corrosive Heat Resistant Black Stoving Enamel

### Featuring InChemRez® PKHW 34

PKHW-34 is a waterborne dispersion of a tough thermoplastic high molecular weight polymer (polyhydroxyether) having reactive backbone hydroxyl groups (see the PKHW 34 datasheet for more information).

## APPLICATIONS

- Automotive Chassis
- Brake Parts

Formula No: 1080-421

Raw Materials:	Lbs / 100 gal	100 gal	Description
<i>Add the following in order:</i>			
Phenoxy PKHW 34-C	396.48	44.29	phenoxy
GPRI 4003	286.30	31.82	phenolic
Byk 191	6.06	0.68	dispersant
F-6331-2 Coal Black	19.54	0.47	ceramic black pigment
Halox CW-491	20.75	0.92	anti-corrosive pigment
Halox SZP-391	20.75	0.75	anti-corrosive pigment
Barytes	61.04	1.63	barium sulfate
<i>Disperse to a 5-6H</i>			
<i>Premix the following before adding:</i>			
Butyl Carbitol	25.55	3.23	cosolvent
Water	129.59	15.56	water
DMEA	5.36	0.65	flash rust inhibitor
Total	971.42	100.00	
<i>Paint Properties:</i>			
% solids(wt) =	40.61		
% solids(vol) =	34.14		
Wt./Gal=	9.71		
Salt Spray=	500 hours		

Note: to convert from pounds to kilograms multiply the numbers in the pounds column by 0.45.

Example: 1 pound = .45 kilograms.

Stoving Schedule: 20' @ 400F

F-6331-2 Coal Black is from Ferro, Inc.

Halox Products are from Halox, Inc.

GPRI 4003 is from Georgia Pacific

InChem Corp 800 Cel-River Road Rock Hill, South Carolina 29730 Tel: (803) 329-8000 Fax: (803) 328-3827

#### IMPORTANT:

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