

Glove Types Commonly Used by OPPSD Members

This table represents glove material of construction commonly used by OPPSD members who manufacture the products listed. See the disclaimer notice in the footer. Determination of glove thickness and break through times is the responsibility of the user. For more information about OPPSD visit this web site: www.oppsd.org

Peroxide	CAS Number	Glove Material of Construction			
		Nitrile	Neoprene	PVC	Butyl Rubber
1,1-Di(t-amylperoxy)cyclohexane	15667-10-4	X	X	X	
1,1-Di(t-butylperoxy)-3,5,5-trimethylcyclohexane	6731-36-8	X	X	X	
1,1-Di(t-butylperoxy)cyclohexane	3006-86-8	X	X	X	
1,1-Dimethyl-3-hydroxybutyl Peroxyneodecanoate	110972-57-1	X			
2,4-Pentanedione peroxide	37187-22-7	X			
2,5-Dimethyl-2,5-di(2-ethylhexanoylperoxy)hexane	13052-09-0	X			
2,5-Dimethyl-2,5-di(t-butylperoxy)-3-hexyne	1068-27-5	X			
2,5-Dimethyl-2,5-di(t-butylperoxy)hexane	78-63-7	X	X	X	
Cumyl hydroperoxide	80-15-9	X	X	X	X
Cumyl peroxyneodecanoate	26748-47-0	X	X	X	
Cyclohexanone peroxide	12262-58-7	X			
Di(2-ethylhexyl) peroxydicarbonate	16111-62-9	X	X	X	
Di-(3,5,5-trimethylhexanoyl) peroxide	3851-87-4	X	X	X	
Di(4-t-butylcyclohexyl)peroxydicarbonate	15520-11-3	X	X	X	
Di(t-butylperoxyisopropyl)benzene	25155-25-3	X	X	X	
Dibenzoyl peroxide	94-36-0	X	X	X	
Dicumyl peroxide	80-43-3	X	X	X	
Didecanoyl peroxide	762-12-9	X	X	X	
Diisopropyl peroxydicarbonate	105-64-6	X	X	X	
Diisopropylbenzene hydroperoxide	26762-93-6	X	X	X	
Dilauroyl peroxide	105-74-8	X	X	X	
Di-n-propyl peroxydicarbonate	16066-38-9	X			
Di-sec-butyl peroxydicarbonate	19910-65-7	X	X	X	
Di-t-Amyl peroxide	10508-09-5	X	X	X	
Di-t-butyl peroxide	110-05-4	X	X	X	
Ethyl 3,3-di(t-amylperoxy)butyrate	67567-23-1	X			
Ethyl 3,3-di(t-butylperoxy)butyrate	55794-20-2	X			
Methyl ethyl ketone peroxide	1338-23-4	X	X	X	X
Methyl isobutyl ketone peroxide	37206-20-5	X			
n-Butyl 4,4-bis(t-butylperoxy)valerate	995-33-5	X	X	X	

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Succinic acid peroxide	123-23-9	X			
t-Amyl hydroperoxide	3425-61-4	X	X	X	
t-Amyl peracetate	690-83-5	X	X	X	
t-Amyl perbenzoate	4511-39-1	X	X	X	
t-Amyl perneodecanoate	68299-16-1	X	X	X	
t-Amyl peroxy-2-ethylhexanoate	686-31-7	X	X	X	
t-Amyl perpivalate	29240-17-3	X	X	X	
t-Amylperoxy 2-ethylhexyl carbonate	70833-40-8	X	X	X	
t-Butyl cumyl peroxide	3457-61-2	X	X	X	
t-Butyl Hydroperoxide	75-91-2	X	X	X	
t-Butyl peracetate	107-71-1	X	X	X	
t-Butyl perbenzoate	614-45-9	X	X	X	
t-Butyl perneodecanoate	26748-41-4	X	X	X	
t-Butyl peroxy-2-ethylhexanoate	3006-82-4	X	X	X	
t-Butyl peroxy maleic acid	1931-62-0	X			
t-Butyl perpivalate	927-07-1	X	X	X	
t-Butylperoxy 2-ethylhexyl carbonate	34443-12-4	X	X	X	
t-Butylperoxy isopropyl carbonate	2372-21-6	X	X	X	

Key: X= Commonly used gloves by OPPSD members

No Entry= No information available

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SPI/OPPSD makes no representation or warranties concerning the information in the above glove compatibility list. The list is not to be deemed an endorsement of any company for the purchase or use of specific glove materials. Users are encouraged to determine suitability of the glove materials for their individual applications. This list contains information concerning glove compatibility with organic peroxides as known to SPI/OPPSD at the date of issuance. Any omission or error is purely inadvertent. Upon notice to SPI/OPPSD of any omission, SPI/OPPSD will endeavor to include said additional changes or correct any error on any re-issuance of this list. Revised November, 2009