

FROM THE ACGIH THRESHOLD LIMIT VALUES (TLVs) 2004

1. Substances with the ACGIH SEN* notation and with "sensitization" (S) and/or "asthma" (A) listed as

a Basis/Critical Effect for the TLV:

flour dust (A)
glutaraldehyde (S)
hexahydrophthalic anhydride, all isomers (S)
maleic anhydride (A)
natural rubber latex as total proteins (S)
rosin core solder solder thermal decomposition products (A) & (S)
toluene di-isocyanate ("TDI") 2,4 or 2,6 or mixture (S)

2. Substances with the ACGIH SEN notation but "sensitization" or "asthma" is not listed as

a Basis/Critical Effect for the TLV:

allyl propyl disulfide
azinphos-methyl
n-butyl acrylate
captan
dichlorvos
dodecyl mercaptan
formaldehyde
glyoxal
2-hydroxypropyl acrylate
methyl acrylate
methyl methacrylate
methyl vinyl ketone
naled
phenyl glycidyl ether
phtallic anhydride
propylene oxide
turpentine

3. Substances without the ACGIH SEN notation but where TLV Basis-Critical Effect is listed as sensitization (S) or asthma (A):

allyl glycidyl ether (S)
n-butyl glycidyl ether (S) (SEN proposed)
captafol (S)
2-chloroacetophenone (S)
diethylene triamine (S)
ethyl acrylate (S)
hexamethylene diisocyanate ("HDI") (S)
isophorone diisocyanate ("IPDI") (A) & (S)
methylene bisphenylisocyanate ("MDI") (S)
methylene bis(4cyclohexylisocyanate) (S)
methyl isocyanate (S)
p-phenylenediamine (S)
picric acid (S)
piperazine dihydrochloride (S) & (A)
platinum, soluble salts (A) & (S)
pyrethrum (S)
subtilisins (S)
tetryl (S)
1,3,5-triglycidyl-s-triazinetriene (S)
trimellitic anhydride (S)

4. Notice of Intended Changes related to ACGIH SEN notation:

beryllium proposed to add SEN notation
n-butyl glycidyl ether proposed to add SEN
western red cedar proposed to add SEN and separate specific entry as TLV
Proposed Appendix D - Table of Commercially Important Tree Species Suspected of Inducing Sensitization

*SEN refers to the ACGIH TLV Committee determination that the agent has a potential to produce sensitization, as confirmed by human or animal data. The SEN notation does not imply that sensitization is the critical effect on which the TLV is based.