

LegacyLLC.com 415 Concord Avenue Bronx, NY 10455 T (718)292-5333 F (888)383-3330 contact@legacyllc.com

## Neoprene Technical Reference

### **Description**

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Neoprene is an all-purpose polymer that can be compounded to achieve a range of desirable characteristics, including low compression set and good ame resistance. Can also be formulated with FDA-listed materials for good resistance to animal and vegetable oils. Generally resistant to moderate chemicals, greases, fats, and many oils and solvents. Not recommended for strong oxidizing agents, esters, ketones, chlorinated aromatics or nitro hyrdrocarbons.

Material	Neoprene
Common Names	Neoprene
Trade Names	Matchless - Compound No. AX-1060 Mirprene - Compound No. 1050
ASTM D-2000 Classication	BC, BE
Military (MIL STD 417)	SC
Chemical Denition	Polychloprene
General Characteristics	
Durometer Range (Shore A)	45 - 95
Tensile Range (P.S.I)	500 - 3000
Elongation (max. %)	600
Low Temperature Usage (F°)	+10° to -50°
High Temperature Usage (F°)	to 250°
Compression Set	Good
Resilience - Rebound	Good
Abrasion Resistance	Excellent
Tear Resistance	Excellent
Solvent Resistance	Good
Oil Resistance	Fair
Aging Weather - Sunlight	Good
Adhesion to Metals	Good to Excellent



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# **Compatibility Chart Chemical Industry**

Mirpene-No-1050Acetia Acid, Glacial2Acetia Acid, Glacial1Acetia Acid, Glacial1Arylonitrile1Ammonia Anhydrous (liquid)4Ammonia Anhydrous (liquid)4Ammonia Anhydrous (liquid)1Aniline1Angua Regia1Argon1Bernzensillonic Acid4Bernzensillonic Acid4Bernzensillonic Acid4Bronine Water3Butadiene3Calcium Salts4Carbon Dioxide (wet)3Calcium Salts4Carbon Monoxide1Chloracetic Acid1Chloracetic Acid Concentrated1Pirufuraldehyde1Pirufuraldehyde1Hydrochloric Acid Concentrated1Hydrochloric Acid Concentrated1Inolei Acid1Matanion0Mateniu Pirufuraldehydi	Chemical	Neoprene Matchless- AX 1060
Acetaldelyde2Acetid, Calcial1Acetyclene3Acrylonitrile1Ammonium Salts4Aminine1Aqua Regia1Aqua Regia1Argon1Benzaldehyde1Benzaldehyde3Bernzildehyde3Bernzildehyde3Bernzildehyde3Bernzildehyde3Bernzildehyde3Bernzildehyde3Bernzildehyde3Bernzildehyde3Bernzildehyde3Bronine Water3Batadiene3Calcium Salts4Carbon Dioxide (vet)3Cellosolve Acetate1Choracetic Acid1Choracetic Acid1Chorosolform1Chlorosolform1Chlorosolform1Chlorosolform1Chlorosolform1Chlorosolform1Chlorosolform1Pormic Acid1Pormic Acid1Pormic Acid1Pormic Acid1Pormic Acid1Pormic Acid1Pormic Acid1Pormic Acid G5% (cold)1Hydrosonic Acid G5% (cold)1M		Mirprene-No- 1050
Acetic Acid, Giacial1Acetylene3Acrylonitrile1Anmonia Anhydrous (liquid)4Ammonia Anhydrous (liquid)4Ammonia Anhydrous (liquid)4Aniline1Aqua Regia1Argon1Benzenesulfonic Acid4Boric Acid4Bronine Water3Butadiene3Calcium Salts4Carbon Dioxide (wet)3Cellosolve Acetate1Chloracetic Acid1Choroscit Acid1Carbon Monoxide4Chloracetic Acid1Chloracetic Acid1Chloroscit Acid1Chloroscit Acid1Chloroscit Acid1Chloroscit Acid1Chloroscit Acid1Chloroscit Acid1Chloroscit Acid1Chloroscit Acid1Dibutyl Phthalate1Epichlorohydrin1Formia Acid Concentrated1Hydrocolin Acid Gost3Cidlorine1Hydrogen Peroxide4Ioline1Hydrogen Peroxide1Indie Acid1Magnesium Salts4Magnesium Salts4Magnesium Salts4Magnesium Salts4Magnesium Salts4Magnesium Salts1Hydrocolic Acid Gost (cold)1Hydrocolic Acid3Percholic Acid3 <td>Acetaldehyde</td> <td>2</td>	Acetaldehyde	2
Actylene3Acrylenirile1Ammonia Anhydrous (liquid)4Ammonia Salts4Aniline1Aqua Regia1Argon1Benzafedbyde1Benzafedbyde4Boric Acid4Bromine Water3Batadiene3Calcium Salts4Carbon Dioxide (wet)3Calcium Salts4Carbon Dioxide (wet)3Calcoun Salts4Carbon Dioxide (wet)3Calcoun Salts4Carbon Monoxide4Choracetic Acid1Choracetic Acid1Chorox3Cyclohexanone1Dibutyl Phthalate1Epichlorokydrin1Formiadehyde2Pormic Acid4Furfuraldehyde1Hydrocotic Acid Go% (cold)1Hydrocotic Acid Go% (cold)	Acetic Acid, Glacial	1
Acrylonitrile1Ammoniu Anhydrous (liquid)4Ammonium Salts4Aniline1Aqua Regia1Aqua Regia1Benzaldelyde1Benzaldelyde4Boric Acid4Boric Acid4Boric Acid4Boric Acid4Boric Matter3Butadiene3Calcium Salts4Carbon Dioxide (wet)3Calcium Salts4Carbon Dioxide (wet)1Chloracetic Acid1Carbon Dioxide (wet)1Chloracetic Acid1Chloracetic Acid1Chloracetic Acid1Chloracetic Acid1Chloracetic Acid3Cyclohexanone1Dibutyl Phthalate1Pormalédydyde2Formic Acid1Pormalédyde2Formic Acid1Hydrochoric Acid Concentrated1Hydrochoric Acid Gost3Linoleic Acid1Linoleic Acid1Linoleic Acid1Magnesium Salts4Magnesium Salts4 <t< td=""><td>Acetylene</td><td>3</td></t<>	Acetylene	3
Ammonia Anhydrous (liquid)4Ammonium Salts4Anline1Aqua Regia1Argon1Benzaldehyde1Benzensellfonic Acid4Boric Acid4Broine Water3Butadiene3Calcium Salts4Carbon Dioxide (wet)3Cellosolve Acetate1Choracetic Acid1Choracetic Acid1Carbon Monoxide4Chorosuffonic Acid1Chorosuffonic Acid1Chorosuffonic Acid1Chorosuffonic Acid1Chorosuffonic Acid1Chorosuffonic Acid1Chorosuffonic Acid1Dibutyl Phthalate1Epichlorohydrin1Pormaldehyde2Formic Acid1Hydrocolic Acid Concentrated1Hydrocolic Acid Concentrated1Hydrogen Peroxide4Iodine1Isopropanol3Linoleic Acid1Hydrogen Salts4Magnesium Salts4Malathion0Mestryl Vatork (Ketone)1Mestryl Methacrylate1Inoleic Acid3Linoleic Acid3Perchnoic Acid3Carbon Salts4Malathion0Methyl Hyl Ketone (MEK)1Methyl Hyl Ketone (MEK)1Methyl Hyl Ketone (MEK)1Perchnoic Acid3 <td>Acrylonitrile</td> <td>1</td>	Acrylonitrile	1
Anmonium Salts4Aniline1Aqua Regia1Argon1Benzaldehyde1Benzensulfonic Acid4Boric Acid4Boric Acid3Calcium Salts4Carbon Dioxide (wet)3Cellosolve Acetate1Chloraetic Acid1Chorno Mixer3Cellosolve Acetate1Chloraetic Acid1Chlorine (wet)1Chlorine (wet)1Chlorine (wet)1Chlorine (wet)1Chloroform1Chloroform1Chloroform1Chlorosolfonic Acid1Chlorosolfonic Acid1Chlorosolfori Acid1Pipichlorolydrin1Formic Acid1Furfuraldehyde2Formic Acid1Hydrochloric Acid Concentrated1Hydrochloric Acid State1Hydrogen Peroxide4Iodine1Isopropanol3Linoleic Acid1Linoleic Acid1Magnesium Salts4Magnesium Salts4Mono Ethanolamine1Nitrobenzene1Nitrobenzene1Nitrobenzene1Pierchoric Acid3Perchoric Acid3Perchoric Acid3Perchoric Acid3Perchoric Acid3Perchoric Acid3Perchoric Aci	Ammonia Anhydrous (liquid)	4
Aniline1Aqua Regia1Argon1Benzaldelyde1Benzenesulfonic Acid4Boric Acid4Bromine Water3Calcium Salts4Carbon Dioxide (wet)3Cellosolve Accetate1Chloracetic Acid1Chorosom1Chlorosom1Pormidchde2Formidchde1Hydroson Persoide4Iodine1Hydroson Persoide4Iodine1Isopropanol3Linoleic Acid1Magnesium Salts4Maltion0Metruy Vapors4Metruy Vapors4Mono Ethanolamine1Nitrobenzene1Nitrobenzene <td< td=""><td>Ammonium Salts</td><td>4</td></td<>	Ammonium Salts	4
Aqua Regia1Argon1Benzaldehyde1Benzensellonic Acid4Boric Acid4Boric Acid4Bromine Water3Butadiene3Carbon Dioxide (wet)3Carbon Dioxide (wet)3Carbon Monoxide4Chloracetic Acid1Carbon Monoxide4Chloracetic Acid1Chloracetic Acid1Chlorone (wet)1Chlorone (wet)1Chlorone (wet)1Chlorone (wet)1Chlorone (wet)1Chloroxine (xet)1Chloroxine (xet)1Cyclohexanone1Dibutyl Phthalate1Epichlorohydrin1Formia Acid4Perfuraldehyde2Formic Acid1Hydrochloric Acid Concentrated1Hydrochloric Acid Goncentrated1Hydrogen Peroxide4Iodine1Linoleic Acid1Linoleic Acid1Magnesium Salts4Mashinon0Metryl Yapors4Methyl Ethyl Ketone (MEK)1Nitrobenzene1Nitrobenzene1Nitrobenzene1Nitrobenzene1Nitrobenzene1Nitrobenzene1Nitrobenzene1Nitrobenzene1Nitrobenzene1Pronel1Pronel <t< td=""><td>Aniline</td><td>1</td></t<>	Aniline	1
Argon1Benzaldehyde1Benzanesulfonic Acid4Boric Acid4Bromine Water3Butadiene3Calcium Salts4Carbon Dioxide (wet)3Cellosolve Acetate1Chloracetic Acid1Carbon Dioxide (wet)1Chlorine (wet)1Chlorine (wet)1Chlorine (wet)1Chloroform1Chlorosollfonic Acid1Chlorosollfonic Acid1Dibutyl Phthalate1Eprichlorohydrin1Formaldehyde2Formic Acid4Hydrocolic Acid G5% (cold)1Hydrocolic Acid G5% (cold)1Hydrogen Peroxide4Ionleic Acid1Linoleic Acid1Linoleic Acid1Linoleic Acid1Hydrocolic Acid G5% (cold)1Hydrocolic Acid G5% (cold)1Hydrocolic Acid G5% (cold)1Linoleic Acid1Linoleic Acid1Linoleic Acid1Linoleic Acid1Magnesium Salts4Malathion0Mercury Vapors4Methyl Hyl Retone (MEK)1Hethyl Metharoplante1Nitrobenzene1Oleic Acid3Perchloric Acid Gomentrated1Propelne Oxide3Pondel1Propelne Oxide1Solfuric Acid Concentrat	Aqua Regia	1
Benzaldehyde1Benzaldehyde1Benzaldehyde4Boric Acid4Boric Acid3Butadiene3Calcium Salts4Carbon Dioxide (wet)3Cellosolve Acetate1Choracetic Acid1Choracetic Acid1Chorosolfonic Acid1Chorosolfonic Acid1Chlorosolfonic Acid1Chlorosolfonic Acid1Chlorosolfonic Acid1Chlorosolfonic Acid1Chlorosolfonic Acid1Dibutyl Phthalate1Ejchlorobydrin1Formaldehyde2Formic Acid4Furfuraldehyde1Hydrocolic Acid Goncentrated1Hydrocolic Acid Goncentrated1Hydrocolic Acid Goncentrated1Hydrogen Peroxide4Iodine1Lisopter Acid1Linoleic Acid1Linoleic Acid1Linoleic Acid1Magnesium Salts4Malathion0Methyl Dethacrene1Mono Ethanolamine1Nitrobenzene1Oleic Acid3Perchloric Acid3Perchloric Acid3Dibutyl Phthalate1Eigen Perchloric Acid1Borno Ethanolamine1Nitrobenzene1Oleic Acid3Perchloric Acid3Perchloric Acid3	Argon	1
Benzenesulfonic Acid4Boric Acid4Boric Acid3Bromine Water3Butadiene3Calcium Salts4Carbon Dioxide (wet)3Cellosolve Acetate1Chloracetic Acid1Carbon Monoxide4Chloracetic Acid1Chloracetic Acid1Chlorosofte Acetate1Chlorosofte Acetate1Chlorosofte Acetate1Chlorosofte Acetate1Chlorosofteni (wet)1Chlorosofteni (wet)3Cyclobexanone1Dibutyl Phthalate1Epichlorolydrin1Formaldehyde2Formic Acid4Formic Acid1Hydrochoric Acid Concentrated1Hydrochoric Acid Gomentrated1Hydrogen Peroxide4Iodine1Linoleic Acid1Linoleic Acid1Linoleic Acid1Magnesium Salts4Magnesium Salts4Methyl Ethyl Ketone (MEK)1Methyl Ethyl Ketone (MEK)1Mono Ethanolamine1Nitrobenzene1Oleic Acid3Perchloric Acid3Perchloric Acid3Perchloric Acid3Methyl Methareylate1Mono Ethanolamine1Nitrobenzene1Oleic Acid3Perchloric Acid3Perchloric Acid </td <td>Benzaldehyde</td> <td>1</td>	Benzaldehyde	1
Boric Acid4Bromine Water3Butadiene3Calcium Salts4Carbon Dioxide (wet)3Cellosolve Acetate1Chloracetic Acid1Carbon Dioxide (wet)1Chlorine (wet)1Chlorine (wet)1Chlorosoulfonic Acid1Chlorosoulfonic Acid1Chlorosoulfonic Acid1Chlorosoulfonic Acid1Chlorosoulfonic Acid1Dibutyl Phthalate1Epichlorohydrin1Formaldehyde2Formic Acid4Furfuraldehyde1Hydrochloric Acid Concentrated1Hydrochloric Acid G5% (cold)1Hydrogen Peroxide4Iodine1Isopropanol3Linoleic Acid1Magnesium Salts4Malathion0Metryl Dxide (Ketone)1Metryl Dxide (Ketone)1Methyl Ethyl Ketone (MEK)1Methyl Ethyl Ketone (MEK)1Mono Ethanolamine1Nitroberzene1Porpelene Oxide2Palmitic Acid3Perchloric Acid3Perchloric Acid3Ponel1Propylene Oxide3Salfikrin CAcid3Perchloric Acid3Phonel1Tarbakadorucan1Salfikrin CAcid3Perchloric Acid3Phonel1 </td <td>Benzenesulfonic Acid</td> <td>4</td>	Benzenesulfonic Acid	4
Bromine Water3Butadiene3Calcium Salts4Carbon Dioxide (wet)3Carbon Dioxide (wet)1Chloracetic Acid1Carbon Monoxide4Chlorine (wet)1Chloroine (wet)1Chloroine (wet)1Chloroine (wet)1Chloroxine (wet)3Cyclohexanone1Dibutyl Phthalate1Epichlorohydrin1Formaidehyde2Formic Acid4Furfuraldehyde1Hydrocentrated1Hydrocentrated1Hydrocentrated1Hydrogen Peroxide4Ionoline1Linoleic Acid1Linoleic Acid1Hydrogen Peroxide4Iodine1Isopropanol3Linoleic Acid1Magnesium Salts4Malthion0Mercury Vapors4Methyl Ethyl Ketone (MEK)1Methyl Ethyl Ketone (MEK)1Nitrobenzene1Oloic Acid2Palmitic Acid3Perchloric Acid3Perchloric Acid3Methyl Ethyl Ketone (MEK)1Mone Ethanolamine1Nitrobenzene1Oloic Acid2Palmitic Acid3Perchloric Acid3Perchloric Acid3Salfuric Acid3Salfuric Acid3 <t< td=""><td>Boric Acid</td><td>4</td></t<>	Boric Acid	4
Butadiene     3       Calcium Salts     4       Carbon Dioxide (wet)     3       Cellosolve Acetate     1       Chloracetic Acid     1       Carbon Monoxide     4       Chloracetic Acid     1       Choracetic Acid     1       Chloroform     1       Chlorosofte     3       Cyclohexanone     1       Dibutyl Phthalate     1       Dibutyl Phthalate     1       Pormaldehyde     2       Formic Acid     4       Furfuraldehyde     1       Hydroonic Acid Gow (cold)     1       Hydroonic Acid Gow (cold)     1       Hydroge Peroxide     4       Iodine     1       Iaquid Oxigen     1       Iaquid Oxigen     1       Magnesium Salts     4       Malathion     0       Mertyl Varos     4       Methyl Hyl Ketone (MEK)     1       Methyl Hyl Ketone (MEK)     1       Methyl Hyl Ketone (MEK)     1       Methyl Hyl Ketone (MEK) </td <td>Bromine Water</td> <td>3</td>	Bromine Water	3
Calcium Salts     4       Carbon Dioxide (wet)     3       Carbon Dioxide (wet)     3       Caloosolve Acetate     1       Chloracetic Acid     1       Carbon Monoxide     4       Carbon Monoxide     4       Chlorine (wet)     1       Chloroform     1       Chlorosulfonic Acid     1       Cyclohexanone     1       Dibutyl Phthalate     1       Epichlorohydrin     1       Formic Acid     2       Formic Acid     4       Furfuraldehyde     1       Hydrobnic Acid Concentrated     1       Hydrogen Peroxide     4       Iodine     1       Isopropanol     3       Linoleic Acid     1       Linoleic Acid     1       Magnesium Salts     4       Malathion     0       Marecury Apors	Butadiene	3
Carbon Dioxide (wet)     3       Cellosolve Acetate     1       Choracetic Acid     1       Carbon Monoxide     4       Chlorine (wet)     1       Chlorosom     1       Chlorosom     3       Cyclohexanone     1       Dibutyl Phthalate     1       Epichlorohydrin     1       Formic Acid     4       Formic Acid     4       Formic Acid     1       Formaldehyde     2       Formic Acid Concentrated     1       Hydrochloric Acid Concentrated     1       Hydrogen Peroxide     4       Iodine     1       Isopropanol     3       Linoleic Acid     1       Iuquid Oxigen     1       Magnesium Salts     4       Malthion     0       Mestryl Oxide (Ketone)     1       Methyl Methacrylate     1       Mono Ethanolamine     1       Mono Ethanolamine     1       Moro Ethanolamine     1       Nitrobenzene     1	Calcium Salts	4
Callosolve Acetate     1       Chloracetic Acid     1       Carbon Monoxide     4       Chlorine (wet)     1       Chlorosulfonic Acid     1       Dibutyl Phthalate     1       Dibutyl Phthalate     1       Formic Acid     4       Formic Acid     4       Furfuraldehyde     1       Hydrochloric Acid Concentrated     1       Hydrogen Peroxide     4       Iodine     1       Isopropanol     3       Linoleic Acid     1       Magnesium Salts     4       Malathon     0       Mercury Vapors     4       Mono Ethanolamine     1       Nitrobenzene     1       Oleic Acid     3       Perchioric Acid     3       Mono Ethanolamine     1       Nitrobenzene	Carbon Dioxide (wet)	3
Charactic Acid     1       Carbon Monoxide     4       Chloractic Acid     1       Chlorosoftom     1       Chlorosolfonic Acid     1       Chlorosulfonic Acid     1       Dibutyl Phthalate     1       Epichlorohydrin     1       Formaldehyde     2       Formaldehyde     1       Hydrochloric Acid Concentrated     1       Hydrochloric Acid Concentrated     1       Hydrogen Peroxide     4       Iodine     1       Isopropanol     3       Linoleic Acid     1       Liquid Öxigen     1       Magnesium Salts     4       Malathion     0       Metryl Wethacrylate     1       Methyl Methacrylate     1       Mono Ethanolamine     1       Nitrobenzene     1       Oleic Acid     3       Perchlor	Cellosolve Acetate	1
Carbon Monoxide     4       Chlorine (wet)     1       Chlorosulfonic Acid     1       Chlorosulfonic Acid     1       Chlorosulfonic Acid     1       Chlorosulfonic Acid     1       Chlorox     3       Cyclohexanone     1       Dibutyl Phthalate     1       Epichlorohydrin     1       Formic Acid     4       Furfuraldehyde     2       Formic Acid Concentrated     1       Hydrochloric Acid Concentrated     1       Hydrogen Peroxide     4       Iodine     1       Isopropanol     3       Linoleic Acid     1       Liquid Oxigen     1       Magnesium Salts     4       Malathion     0       Mercury Vapors     4       Meshyl Dxide (Ketone)     1       Methyl Methacrylate     1       Mono Ethanolamine     1       Nitrobenzene     1       Oleic Acid     3       Perchloric Acid     3       Perchloric Acid	Chloracetic Acid	1
Chlorine (wet)1Chloriorm1Chlorosulfonic Acid1Chlorosulfonic Acid1Chlorox3Cyclohexanone1Dibutyl Phthalate1Epichlorohydrin1Formaldehyde2Formic Acid4Furfuraldehyde1Hydrochloric Acid Concentrated1Hydrouoric Acid 65% (cold)1Hydrouoric Acid 65% (cold)1Linoleic Acid1Linoleic Acid1Linoleic Acid1Magnesium Salts4Magnesium Salts4Mestryl Oxide (Ketone)1Methyl Ethyl Etone (MEK)1Mono Ethanolamine1Nitrobenzene2Planitic Acid3Perchloric Acid3Sulfuric Acid3Selforic Acid1Say1Mathon0Methyl Ethyl Ketone (MEK)1Methyl Ethyl Ketone (MEK)1Mono Ethanolamine1Nitrobenzene1Oleic Acid3Perchloric Acid3Phonel1Propylene Oxide1Sadjur Salts3Sulfuric Acid Concentrated1Soldium Salts3Sulfuric Acid Concentrated1Sulfuric Acid Concentrated1Sulfuric Acid Concentrated1Sulfuric Acid Concentrated1Sulfuric Acid Concentrated1Sulfuric Acid Concentrate	Carbon Monoxide	4
Chloroform     1       Chloroform     1       Chloroform     3       Cyclohexanone     1       Dibutyl Phthalate     1       Epichlorohydrin     1       Formia CAcid     2       Formia CAcid     4       Furfuraldehyde     1       Hydrochloric Acid Concentrated     1       Hydrogen Peroxide     4       Hydrogen Peroxide     4       Iograpanol     3       Linoleic Acid G5% (cold)     1       Hydrogen Peroxide     4       Iograpanol     3       Linoleic Acid     1       Linoleic Acid     1       Magnesium Salts     4       Malathion     0       Mestryl Oxide (Ketone)     1       Mestryl Oxide (Ketone)     1       Methyl Ethyl Ketone (MEK)     1       Mitrobenzene     1       Oleic Acid     2       Palmitic Acid     3       Perchloric Acid     3       Perchloric Acid     3       Popylene Oxide     3	Chlorine (wet)	1
Chlorosulfonic Acid     1       Chlorosulfonic Acid     3       Cyclohexanone     1       Dibutyl Phthalate     1       Epichlorohydrin     1       Formiddehyde     2       Formic Acid     4       Furfuraldehyde     1       Hydrochoric Acid Concentrated     1       Hydrochoric Acid Concentrated     1       Hydrogen Peroxide     4       Iodine     1       Isopropanol     3       Linoleic Acid     1       Magnesium Salts     4       Malathion     0       Mercury Vapors     4       Methyl Ethyl Ketone (MEK)     1       Methyl Methacrylate     1       Nitrobenzene     1       Oleic Acid     3       Palmitic Acid     3       Phonel     1       Phonel     1       Propylene Oxide     3       Sodium Salts     3       Sulfuric Acid Concentrated     1	Chloroform	1
Chlorox     1       Chlorox     3       Cyclohexanone     1       Dibutyl Phthalate     1       Epichlorohydrin     1       Formaldehyde     2       Formic Acid     4       Furfuraldehyde     1       Hydrochloric Acid Concentrated     1       Hydrogen Peroxide     4       Iodine     1       Isopropanol     3       Linoleic Acid     1       Magnesium Salts     4       Malathion     0       Mercury Vapors     4       Mesityl Oxide (Ketone)     1       Methyl Bethyl Ethyl Ketone (MEK)     1       Methyl Methacrylate     1       Nitrobenzene     1       Oleic Acid     2       Palmitic Acid     3       Perchloric Acid     3       Perchloric Acid     3       Sacylic Acid     2       Palmitic Acid     3       Perchloric Acid     3       Porpylene Oxide     1       Solium Salts     3	Chlorosulfonic Acid	1
Cyclohexanone     1       Cyclohexanone     1       Epichlorohydrin     1       Formaldehyde     2       Formic Acid     4       Furfuraldehyde     1       Hydrochloric Acid Concentrated     1       Hydrouoric Acid 65% (cold)     1       Hydrogen Peroxide     4       Iodine     1       Isopropanol     3       Linoleic Acid     1       Magnesium Salts     4       Malathion     0       Mercury Vapors     4       Methyl Ethyl Ketone (MEK)     1       Methyl Methacrylate     1       Nono Ethanolamine     1       Nitrobenzene     1       Oleic Acid     2       Palmitic Acid     3       Perchloric Acid     3       Solium Salts     4       Methyl Methacrylate     1       Methol     1       Mono Ethanolamine     1       Nitrobenzene     1       Oleic Acid     3       Perchloric Acid     3	Chlorox	3
Cylchramer     1       Dibutyl Phthalate     1       Epichlorohydrin     1       Formaldehyde     2       Formic Acid     4       Furfuraldehyde     1       Hydrochloric Acid Concentrated     1       Hydrogen Peroxide     4       Iodine     1       Isopropanol     3       Linoleic Acid     1       Magnesium Salts     4       Malathion     0       Mercury Vapors     4       Methyl Ethyl Ketone (MEK)     1       Mitrobenzene     1       Nitrobenzene     1       Oleic Acid     2       Palmitic Acid     3       Soliun Salts     4       Malathion     0       Mercury Vapors     4       Malathion     1       Mercury Vapors     1       Methyl Hethacrylate     1       Mono Ethanolamine     1       Nitrobenzene     1       Oleic Acid     3       Perchloric Acid     3       Ph	Cyclobevanone	1
Production     1       Epichlorohydrin     1       Formaldehyde     2       Formic Acid     4       Furfuraldehyde     1       Hydrochloric Acid Concentrated     1       Hydrogen Peroxide     4       Iodine     1       Hydrogen Peroxide     4       Iodine     1       Isopropanol     3       Linoleic Acid     1       Liquid Oxigen     1       Magnesium Salts     4       Malathion     0       Mercury Vapors     4       Mercury Vapors     4       Methyl Methacrylate     1       Mono Ethanolamine     1       Nitrobenzene     1       Oleic Acid     2       Palmitic Acid     3       Phonel     1       Propylene Oxide     1       Solium Salts     3       Sulfuric Acid Concentrated     1	Dibutyl Phthalate	1
Instrument     Image:	Epichlorohydrin	1
Formic Acid2Formic Acid4Furfuraldehyde1Hydrochloric Acid Concentrated1Hydrochloric Acid 65% (cold)1Hydrogen Peroxide4Iodine1Isopropanol3Linoleic Acid1Liquid Oxigen1Magnesium Salts4Malathion0Mercury Vapors4Methyl Ethyl Ketone (MEK)1Methyl Methacrylate1Mono Ethanolamine1Nitrobenzene1Oleic Acid2Palmitic Acid3Perchloric Acid3Perchloric Acid3Sacylic Acid1Sacylic Acid1Solium Salts3Sulfuric Acid Concentrated1Propylene Oxide1Solium Salts3Sulfuric Acid Concentrated1Sulfuric Acid Concentrated1Sul	Formaldehyde	2
Forme reduIFurfuraldehyde1Hydrochloric Acid Concentrated1Hydrouoric Acid 65% (cold)1Hydrogen Peroxide4Iodine1Isopropanol3Linoleic Acid1Liquid Oxigen1Magnesium Salts4Malathion0Mercury Vapors4Methyl Ethyl Ketone (MEK)1Mono Ethanolamine1Nitrobenzene1Oleic Acid2Palmitic Acid3Solipone1Strebenzene1Oleic Acid3Proplene Oxide1Sacylic Acid0Solium Salts3Sulfuric Acid Concentrated1Torphylene Oxide1Solium Salts3Sulfuric Acid Concentrated1Torphylene Oxide1Sulfuric Acid Concentrated1Sulfuric Acid Conc	Formic Acid	4
HarmanderhydeIHydrochloric Acid Concentrated1Hydrouoric Acid 65% (cold)1Hydrogen Peroxide4Iodine1Isopropanol3Linoleic Acid1Liquid Oxigen1Magnesium Salts4Malathion0Mercury Vapors4Mesityl Oxide (Ketone)1Methyl Ethyl Ketone (MEK)1Mono Ethanolamine1Nitrobenzene1Oleic Acid2Palmitic Acid3Propylene Oxide1Sodium Salts3Sulfuric Acid Concentrated1Torogene Oxide1Sulfuric Acid Concentrated1Torogene Oxide1Sulfuric Acid Concentrated1Torogene Oxide3Sulfuric Acid Concentrated1Tartabudrofuran1Sulfuric Acid Concentrated1Sulfuric A	Furfuraldehyde	1
Hydrouoric Acid 65% (cold)1Hydrouoric Acid 65% (cold)1Hydrogen Peroxide4Iodine1Isopropanol3Linoleic Acid1Liquid Oxigen1Magnesium Salts4Malathion0Mercury Vapors4Mesityl Oxide (Ketone)1Methyl Ethyl Ketone (MEK)1Mono Ethanolamine1Nitrobenzene1Oleic Acid2Palmitic Acid3Perchloric Acid3Phonel1Sacylic Acid0Sodium Salts3Sulfuric Acid Concentrated1Tartzhydrofuran1	Hydrochloric Acid Concentrated	1
Hydrogen Peroxide4Hydrogen Peroxide4Iodine1Isopropanol3Linoleic Acid1Liquid Oxigen1Magnesium Salts4Malathion0Mercury Vapors4Mesityl Oxide (Ketone)1Methyl Ethyl Ketone (MEK)1Mono Ethanolamine1Nitrobenzene1Oleic Acid2Palmitic Acid3Perchloric Acid3Phonel1Propylene Oxide1Sacylic Acid0Sodium Salts3Sulfuric Acid Concentrated1Tartzhydrofuran1	Hydrouoric Acid 65% (cold)	1
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Phonel 1   Propylene Oxide 1   Sacylic Acid 0   Sodium Salts 3   Sulfuric Acid Concentrated 1	Perchloric Acid	3
Propylene Oxide 1   Sacylic Acid 0   Sodium Salts 3   Sulfuric Acid Concentrated 1   Tetrabudrofuran 1	Phonel	1
Sacylic Acid 0   Sodium Salts 3   Sulfuric Acid Concentrated 1	Propulene Ovide	1
Social	Socylic Acid	
Sulfuric Acid Concentrated 1   Tetrabudrofuran 1	Sacylic Actu	3
Tetrahydrofuran 1	Sulfuric Acid Concentrated	1
•••	Tetrahydrofuran	1

#### Note: 4 - Recommend

- 3 Minor to Moderate Effect
- 2 Moderate to Severe
- 1 Unsatisfactory
- 0 Insufficient Data