



**South Central**  
COLLEGE

**South Central College**  
**North Mankato/Mankato Campus**  
**1920 Lee Boulevard**  
**N. Mankato, MN 56002-1920**  
**Faribault Campus**  
**1225 Third Street SW**  
**Faribault, MN 55021-5782**

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# **Employee Right-To-Know Plan**

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## **PURPOSE**

This Employee Right-To-Know Program is written with the intent to ensure that South Central College employees and students are aware of the dangers associated with hazardous substances, harmful physical agents, or infectious agents they may be exposed to in their workplace. In accordance with both state and federal OSHA regulations this written program will include 1) an inventory of hazardous substances and/or agents that exist in the workplace; 2) identification of the campus and area where the exposure would be located; 3) a system for obtaining and maintaining written information on the substances and agents employees/students may be exposed to in the workplace; 4) methods for making the Employee Right-To-Know information readily accessible to employees/students in their work areas; 5) a plan for providing initial, pre-assignment and annual training of employees/students; and 6) implementation and maintenance of a labeling system or other warning methods.

This policy applies to all work operations within South Central College where employees/students may be exposed to hazardous substances, harmful physical agents, and/or infectious agents under normal working condition or non-routine tasks. This written program is available in the Human Resource Department or located at the South Central College Safety Committee web page [Safety Data Sheets](#) for review.

## **RESPONSIBILITIES**

The Director of Security & Safety along with the Human Resources Department and the Safety Committee will be responsible for the overall program.

## **LIST OF HAZARDOUS SUBSTANCES**

The Director of Security & Safety/Human Resources/Safety Committee will ensure that a list of hazardous substances which exist in our workplace is readily available. Each respective area or department that utilizes hazardous substances shall be responsible to update and maintain data on the hazardous substances in that area/department in a Safety Data Sheet Binder that shall be prominently displayed and readily available to all. Because new substances will be introduced and currently used substances and/or agents will be replaced or totally eliminated from use, this inventory list will be updated with each change in hazardous substance utilized in that area/department. Contact with the Director of Security & Safety will be made each time this takes place such that a current tracking of these products and sources is made available through this plan. A separate and secondary inventory list will be kept with each SDS book and a master list will be kept in the Copy/Mail Room at the North Mankato Campus and Faribault Campus. Lastly the current inventory of SDS at South Central College is available at [Safety Data Sheets](#).

## **LIST OF HARMFUL PHYSICAL AGENTS**

The Director of Security & Safety/Safety Committee will work with the various departments as required to ensure that a list of harmful physical agents is compiled that are present in the

workplace and where employees/students may be exposed to the agent through equipment use, product handling or otherwise. Heat, noise and radiation sources will be identified for each work area. The inventory list will also identify the uses and corresponding physical fact sheet for each source.

### **LIST OF INFECTIOUS AGENTS**

The Director of Security & Safety/Safety Committee will work with the various departments as required to ensure that a list of infectious agents is compiled that employees/students may encounter in the course of their assigned work. All employees/students will be informed of the hazard but those employees/students who may come in contact with bloodborne pathogens will receive training as described in our Exposure Control Plan.

### **SAFETY DATA SHEETS**

All Safety Data Sheets (SDS) of all hazardous substances identified in the inventory of specific work areas will be kept in a binder book and shall be readily accessible to employees/students in their work areas. An additional copy of the SDS binder will be kept on each campus in the respective copy/mail room. The current inventory of SDS at South Central College is available at [Safety Data Sheets](#).

If a new substance is ordered it will be the duty of the person responsible for that area to add this product to the SDS Binder in their area/department as well as the secondary binder on the respective campus and notify the Security & Safety Director so it is added to the electronic inventory. If a hazardous substance is no longer used or available the SDS will be removed from the book but retained for 30 years. It shall be retained by the area/department and also forward a copy to the Director of Security & Safety.

### **CONTAINER LABELING**

Faculty and staff associated with each department shall be responsible for ensuring that all containers in their department are properly labeled.

Manufacturer's container labels should list:

- 1 Product Identifier
- 2 Signal Word
- 3 Hazard Statement(s)
- 4 Precautionary Statement(s)
- 5 Name, Address and Telephone Number
- 6 Pictogram(s)

An example is shown here:



If hazardous substances are transferred from a manufacturer's container to another container, the secondary container must have a label. This label must identify the substance, and contain the appropriate hazard warning. This procedure is to be followed if the container will be under the control of more than one employee or, if the contents will at any time be left unattended. An example is included here:



Personnel working in college departments will ensure that equipment or work areas that specifically generate harmful physical agents which may be expected to approximate or exceed the permissible exposure limit or applicable action level, be labeled with the name of the physical agent and the appropriate hazard warning.

The National Fire Protection Association (NFPA) or Hazardous Material Identification System (HMIS) labeling systems may be used as alternatives. However, if they are used, signs must be posted in the workplace explaining the system.

Where labeling is not practical warning signs or an equivalent indicator must be used.

Container labels should not be removed or disfigured. If they are they shall be replaced immediately.

The Exposure Control Plan will address the labeling procedures for receptacles containing potentially infectious contaminated material.

### **NON-ROUTINE TASKS**

When employees/students are asked to perform hazardous non-routine tasks, faculty or supervisors of the department will assure that all employees/students are trained in regard to the hazardous substances to which they might be exposed and the proper precautions to take to reduce or avoid exposure. The Director of Security & Safety is responsible to work with departments to provide or ensure that this training is provided as notified of the need.

### **TRAINING**

Every employee/student who works with or is potentially exposed to hazardous substances, harmful physical agents or infectious agents, will receive initial training on the Employee Right-To-Know Program and the safe use of substances or agents. Whenever a new hazard is introduced, additional training will be provided for that product. Training updates will be performed on an annual basis and may be a brief summary of information included in previous training sessions. The Director of Security & Safety is responsible to provide or ensure that this training is provided as notified of the need. Records of training will be maintained for at least 3 years. Training records will include:

- Dates of training

- Name, title and qualification of the person who conducts the training (as applicable)

- Name and titles of employees who completed the training

- A brief summary or outline of the information that was included in the training session

The Employee Right-To-Know Training will emphasize the following topics:

#### **Hazardous Substances**

- A summary of the standard and the employer's written program

- Specific information from the SDSs of the hazardous substances they may be exposed to

- Known acute and chronic effects of exposure at hazardous levels including routes of entry

- Known symptoms

- Any potential flammability, explosive, or reactivity of the substance

- Appropriate emergency treatment

- Known proper conditions of use and exposure for the substance

- Procedures for cleanup of leaks and spills

- The name, phone number, and address of a manufacturer of the hazardous substance

- Where a written copy of all of the information is located in the work area and how employees can access that information

- Hazards associated with substances in unlabeled pipes in the work areas

#### **Harmful Physical Agents**

- Identify all physical agents

- Noise

- Heat

Radiation

**Labeling**

Equipment or work areas that generate harmful physical agents need to be labeled  
The label shall include the name of the physical agent and the appropriate hazard warning  
Examples of labels or signs for a physical agent  
Level of exposure to the physical agent and how this has been restricted  
Acute and chronic effects  
Known symptoms  
Appropriate emergency treatment  
Known proper conditions for exposure  
Location of all the written information on harmful physical agents  
Information on Noise and Heat Stress

**Infectious Agents**

See Bloodborne Pathogens Program/Exposure Control Program for training  
Only those employees who have been appropriately trained are able to clean up body fluid spills or attend someone who is injured or ill where bodily fluids are present.  
Universal Precautions  
Signs, labels, and tags, or color coding used to denote biohazards

**INFORMING OUTSIDE CONTRACTORS**

The Vice President of Facilities and Operations will be responsible for providing outside contractors with the following information.

Hazardous chemicals, physical hazards, and infectious agents and where they may be while on campus  
Precautions their employees may take to lessen the possibility of exposure by usage of appropriate protective measures.

Contractors will be contacted before their work is started on campus to gather and disseminate any information concerning chemical hazards, physical hazards, and infectious agents that the contractor is bringing onto the campus.

Each contractor will be asked to complete an information sheet before work is started (see Appendix C)

**EMERGENCY RESPONSE**

All appropriate personnel will reference the Safety Data Sheet and follow the instruction in the event of a spill or leak of hazardous substances. This will include clean up procedures and personal protective equipment to be used. Key Personnel listed in the Critical Incident Team (RED CARD) will be notified and evacuation procedures will be followed if needed.



## **Appendix A**

### **Location of SDS Books**

#### **N. Mankato Campus**

A-100, Auto Collision, Parts Room  
A-101, Auto Service, Wash Area  
A-117, Ag Service, Main Office  
A-136, Mechatronics, west wall  
A-139, Welding Lab, by Eye Wash/First Aid  
A-147, CIM, Office hall area  
A-156, Refrigeration/HVAC, Mid Wall HVAC side  
C-103, Agri Business Lab  
C-104, Science Lab  
C-114, Biology west wall sink area  
C-121, Biology south wall by sink  
C-123, Medical Lab Technician north wall  
C-128, Art west wall  
C-165, Chemistry Eye Wash Station  
C-174, Press Lab, at main work table  
E-124, Nursing Lab  
E-136, Sim Lab  
Shipping and Receiving, west wall  
Power Plant  
Duplicates of all in Copy/Mail Room

#### **Faribault Campus**

B-112, Biology Lab  
B-115, Chemistry Lab  
B-140, Computer Integrated Machining  
B-151, Welding  
C-206, MLT  
C-211, Simulation Lab  
C-212, Pharmacy Lab  
C-214, Nursing Lab  
Shipping and Receiving, outside office  
Duplicates of all in Copy/Mail Room

## Appendix B

### Inventory Lists of Hazardous Substances, Physical Hazards, Infectious Agents at N. Mankato and Faribault Campus

#### Art Lab C-128 North Mankato Campus Hazardous Substances/Categories November 2016

- Toxins
- Carcinogens
- Sensitizers
- Flammable
- Irritant
- Mutagen
- Environmental toxins

#### Biology Lab C-114 North Mankato Campus Hazardous Substances February 2016

- Acetic acid
- Ethylene glycol
- Sodium hydroxide
- Sodium hypochlorite
- Calcium sulfate
- Catechol
- Diphenylamine
- Sulfuric acid
- Ethyl alcohol (Ethanol)
- Isopropyl alcohol (Isopropanol)
- Methyl alcohol (Methanol)
- Glycerin
- Iodine
- Hydrogenated terphenyls
- Terphenyls
- Tert-Butyl alcohol
- Starch
- n-Butyl alcohol
- Potassium hydroxide
- Sodium metabisulfite
- Sucrose
- Acetone

- Methyl isobutyl ketone (Hexone)
- Hexane
- Xylene
- Ethyl benzene
- Zinc oxide

**Biology: C-114, North Mankato Campus, Potentially Infectious Agents**  
**(Compilation February 2016)**

Bacillus subtilis  
 Citrobacter freundii  
 Clostridium sporogenes  
 Enterobacter aerogenes  
 Escherichia coli  
 Escherichia coli JM101  
 Micrococcus luteus  
 Pseudomonas aeruginosa  
 Salmonella typhimurium (No longer being used for student use)  
 Serratia marcescens  
 Staphylococcus aureus

**Biology Lab C104 North Mankato Campus Hazardous Substances**  
**February 2016**

- Propylene glycol
- Formaldehyde
- Methyl alcohol (Methanol)
- Isopropyl alcohol
- Iodine
- Sodium hydroxide
- Ethyl alcohol (Ethanol)
- Hexane
- Starch

**Biology Lab C121 North Mankato Hazardous Substances**  
**February 2016**

- Sodium Hydroxide
- Propylene glycol
- Formaldehyde
- Propylene glycol
- Isopropyl alcohol
- Urea

**Biology Lab B-112 Faribault Campus Hazardous Substances**  
**February 2016**

- Sodium hydroxide
- Calcium sulfate
- Phenol
- Catechol
- Ethyl alcohol (Ethanol)
- Hydrogen peroxide
- Iodine
- tert-Butyl alcohol
- Potassium hydroxide
- Sucrose
- Sulfuric acid
- Urea

**Chemistry Lab C165 North Mankato Hazardous Substances**  
**May 2016**

Acetic Acid  
Acetic Anhydride  
Acetone  
Aluminum Chloride  
Aluminum Nitrate  
Ammonia (household)  
Ammonium Chloride  
Barium Chloride  
Barium Hydroxide  
Barium Nitrate  
Butyl Alcohol  
Cadmium Chloride  
Cobalt Chloride  
Cobalt Nitrate  
Ethyl Alcohol  
Ethylene Glycol  
Ethylenediamine Tetraacetic Acid (EDTA)  
Formic Acid  
Hexanes  
Hydrochloric Acid  
Hydrogen peroxide

Iodine  
Iron (III) Chloride  
Iron (III) nitrate  
Isopropyl Alcohol  
Manganese (II) Sulfate  
Methyl Alcohol  
Mineral Oil  
Nickel Chloride  
Nickel Nitrate  
Nickel Sulfate  
Nitric Acid  
Phosphoric Acid  
Potassium Hydroxide  
Propyl Alcohol  
Silver Nitrate  
Silver Oxide  
Sodium Bisulfite  
Sodium Hydroxide  
Sulfuric Acid  
Tin  
Tin (II) Chloride  
Urea

**Chemistry: B-115, Faribault Campus, Hazardous Substances**  
**(May 2016)**

Acetic Acid  
Acetic Acid, glacial  
barium nitrate  
n-butyl alcohol  
cobalt chloride  
ethyl alcohol  
hexanes  
hydrogen chloride  
isopropyl alcohol  
manganese compounds  
methyl alcohol  
pentane  
silver- soluble compounds (silver nitrate and silver nitrate solution)  
sodium hydroxide  
sodium hypochlorite  
sulfuric acid

**Auto Collision Area Hazardous Chemical Inventory**  
**(Jan 2016)**

1,1-Methylenebis Polymethylene Polyphenylene (26447-40-5)  
1,1,1,2-Tetrafluoroethane (811-97-2)  
1,3-Di-o-toyl Guanidine (97-39-2)  
1,4-BIS[(2,3-Epoxypropoxy)Methyl]Cyclohexane (14228-73-0)  
1,2,3-Propanetriyl ester of 12 (Epichlorohydrin Castor Oil Epoxy Resin) (74398-71-3)  
1,2,4-Trimethyl Benzene (95-63-6)  
1,3-Isobenzofurandione (26123-45-5)  
1 Butoxy-2-Propanol (5131-66-8)  
2-Hydroxyethyl Methacrylate (868-77-9)  
2-(propyloxy) ethanol (2807-30-9)  
2-Methoxy-1-methylethyl Acetate (1-Methoxy-2-Propyl Acetate) (108-65-6)  
2-Butoxyethyl Acetate (112-07-2)  
2-Butoxyethanol(EGBE)-skin (111-76-2)  
2-Ethylhexyl Acrylate (103-11-7)  
2-Ethylhexyl Epoxytallates (61789-01-3)  
2-Methoxy-1-Methylethyl Acetate (108-65-6)  
2-Methoxy-1-Propyl Acetate (70657-70-4)  
2,-Di-Tert-Butyl-P-Cresol (128-37-0)  
2,2,4-Trimethyl- 1,3-pentanediol diisobutyrate (6846-50-0)  
2,2,4-Trimethylpentane (540-84-1)  
2,5-Furandione, reaction products with polypropylene, chlorinated  
29H, 31H,-phthalocyaninato(2-)N29,N30,N31,N32 copper (147-14-8)  
3-Methoxy-1-butyl acetate (4435-53-4)  
3-(Trimethoysilyl)Propyl Glycidyl Ether (2530-83-8)  
4-chloro-a,a,a-trifluorotoluene  
4,4'-diisocyanatodiphenylmethane Polymer (25686-28-6)  
4,4'-Isopropylidenephenol-Epichlorohydrin Polymer (25068-38-6)  
4,4' -Methylenediphenyl diisocyanate (101-68-8)  
Acetanilide (103-84-4)  
Acetic Acid, ethenyl ester, polymer with ethene, rubber(24937-78-8)  
Acetone (67-64-1)  
Acetylene (74-86-2)  
Acrylic Acid (79-10-7)  
Acrylic Acid, monester /w/ propane-1,2-diol (25584-83-2)  
Adipic acid-1,4-butanediol-MDI-neopentyl glycol copolymer (56815-45-3)  
Agral 90 (Polyether Polyol)(9016-45-9)  
Alcohol Ethoxy Sulfate (68585-34-2)  
Aliphatic Amine Resin (31326-29-1)  
Aliphatic Diabasic Esters (Proprietary)

Aliphatic Hydrocarbon (64742-89-9)  
Aliphatic Urethane Methacrylate (3290-92-4)  
Allyl Glycidyl Ether (106-92-3)  
Alpha-Methylstyrene-Isoamylene-Piperylene Polymer (62258-49-5)  
Aluminum (7429-90)  
Aluminum Oxide (a-Alumina) (1344-28-1)  
Aluminum pyro powders (7429-90-5)  
Aluminum Silicate Clay (66402-68-4)  
Aluminum Sulphate (10043-01-3)  
Aluminum Tristearate (637-12-7)  
Amine Catalyst (Proprietary)  
Amine Epoxy Curing Agent (288-32-4)  
Ammonia Solution (1336-21-6)  
Ammonium Bifluoride (1341-49-7)  
Amphourous Silicon Dioxide (7631-86-9)  
Anionic Surfactant (151-21-3)  
Antimony and compounds, as Sb (7440-36-0)  
Argon (7440-37-1)  
Aromatic Amide (62-53-3)  
Aromatic Amide (87-17-2)  
Aromatic Amide (93-98-1)  
Aromatic Hydrocarbon (64742-94-5)  
Aromatic Naphtha (64742-95-6)  
Aromatic Polyisocyanate (Proprietary)  
Asphalt (8052-42-4)  
BBP (Butyl Benzyl Phthlate) (85-68-7)  
Barium, sulfate (7727-43-7)  
Bentonite (1302-78-9)  
Benzene (71-43-2)  
Benzoyl Peroxide (94-36-0)  
Benzoic Acid, C9-11-Branched Alkyl Esters  
Benzyl 3-isobtryloxy-1-isopropyl-2-2-dimethypropyl phthalate(16883-83-3)  
Beryllium (7440-41-7)  
BIS(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)  
BIS(3-Aminopropyl) Ether of Diethylene Glycol (4246-51-9)  
BIS[(Dimethylamino)Methyl]Phenol (71074-89-0)  
Bisphenol A-Epichlorohydrin Polymer (25068-38-6)  
Bisphenol A fumarate resin (39382-25-7)  
Butadiene Acrylonitrile Copolymer (68683-29-4)  
Butadiene-Styrene-Meta-Divinylbenzene Polymer (26471-45-4)  
Butane (106-97-8)  
Calcium Carbonate (471-34-1)  
Calcium Carbonate (Limestone) (1317-65-3)  
Calcium Dodecylbenzensulfonate (26264-06-2)

Calcium hydroxide (Calcium dihydroxide)(1305-62-0)  
Calcium Oxide (1305-78-8)  
Calcium Sulfate (7778-18-9)  
Calcium Sulfonate (68783-96-0)  
Carbon Black (1333-86-4)  
Carbon dioxide (124-38-9)  
Castor Oil (8001-79-4)  
Castor Oil Polymer, with 1,1'-Methykebebis(4-Isocyanateobenzene)  
Cellulose Acetate Butyrate (9004-36-8)  
Chlorinated Hydrocarbons (00095-50-1)  
Chlorinated Rubber (68609-36-9)  
Chlorite (Mineral) (1318-59-8)  
Chlorobenzene (Monochlorobenzene) (108-90-7)  
Chromic Acid (1333-82-0)  
Chromium (7440-47-3)  
Citric Acid (77-92-9)  
Cobalt (7440-48-4)  
Cobalt bis (2-ethylhexanoate)(136-52-7)  
Coconut Diethanolamide (61791-31-9)  
Coumarone-Indene Resins (63393-89-5)  
Cristobalite (14464-46-1)  
Cryolite (15096-52-3)  
Cumene-skin (98-82-8)  
Cumene hydroperoxide (80-15-9)  
Cyclohexane (110-82-7)  
Cyclohexanone-skin (108-94-1)  
D-Limonene (5989-27-5)  
Decamethylcyclopentasiloxane (541-02-6)  
Dibutyl phthalate (84-74-2)  
Dibutyltin Dilaurate (77-58-7)  
Dimethoxypropane (77-76-9)  
Diethanolamine (111-42-2)  
Diethylene glycol (111-46-6)  
Diethylene Glycol Monobutyl Ether (112-34-5)  
Diethylene triamine-skin (111-40-0)  
Dimethyl Ether (115-10-6)  
Dipropylene Glycol (25265-71-8)  
Dipropylene Glycol Methyl Ether (34590-94-8)  
Distillates (Petroleum), Acid Treated, Light (64742-14-9)  
Docusate sodium  
Dodecamethylcyclohexasiloxane (540-97-6)  
EDTA (64-02-8)  
Epichlorohydrin (106-89-8)  
Epoxy Resin (25036-25-3)  
Epoxy Resin (25068-38-6)



Ethanolamine (2-aminoethanol) (141-43-5)  
Ethoxylate Alcohol (34398-01-1)  
Ethoxylated Propoxylated Glycerol-MDI Copolymer Carbon Black (59675-67-1)  
Ethyl 3-ethoxypropionate (Ethoxypropanoate) (763-69-9)  
Ethyl acetate (141-78-6)  
Ethyl alcohol (Ethanol) (64-17-5)  
Ethyl benzene (100-41-4)  
Ethylene Glycol (107-21-1)  
Ethylene Oxide, Polymer (26316-40-5)  
Ethyltriacetoxysilane (17689-77-9)  
Fiberglass Strands (65997-17-3)  
Formaldehyde (50-00-0)  
Formaldehyde Polymer (68037-42-3)  
Glass Beads (65997-17-3)  
Glass Filament (65997-17-3)  
Glycerin mist (56-81-5)  
Glycol Ether Ester (98516-30-4)  
Graphite (all forms except graphite fibers)-dust (7782-42-5)  
Heptane (n-Heptane) (142-82-5)  
Hexamethylene diisocyanate (822-06-0)  
Hexane (n-Hexane) (110-54-3)  
Hexane-1, 6-DI-Isocyanate Polymer (28182-81-2)  
Hexanoic Acid, 2-ethyl-, potassium salt (3164-85-0)  
Hexone (Methyl isobutyl ketone)(4-methylpentan-2-one) (108-10-1)  
Hydrocarbons, C6-20, Polymers, Hydrogenated (69430-35-9)  
Hydrogenated Styrene-Butadiene Polymer (66070-58-4)  
Hydrotreated Light Petroleum Distillates (64742-47-8)  
Hydroxyalkyl Methacrylate (27813-02-1)  
Iron oxide fume (Fe<sub>2</sub>O<sub>3</sub>) as Fe (Diiron Trioxide) (1309-37-1)  
Iron Pyrite (12068-85-8)  
Isobutane (75-28-5)  
Isobutyl acetate (110-19-0)  
Isobutyl alcohol (2-methylpropan-1-ol)(Butanol)(78-83-1)  
Isocyanate (9016-87-9)  
Isohexane, other isomers (107-83-5)  
Isophorone Diisocyanate (4098-71-9)  
Isophorone Diisocyanate Polymer (53880-05-0)  
Isopropyl alcohol (67-63-0)  
Kaolin Dust (Aluminum Silicate) (1332-58-7)  
Kerosene (8008-20-6)  
L.P.G. (68476-85-7)  
Lard Oil (8016-28-2)  
Lead (7439-92-1), inorganic fumes and dusts, as Pb  
Lecithins, Soya (8030-76-0)  
Ligroine (8032-32-4)

Linear Alkylaryl Sulfonate (25-155-30-0)  
M-xylene-alpha, alpha'-diamine (1477-55-0)  
Magnesite (Magnesium Carbonate) (546-93-0)  
Magnesium oxide fume (1309-48-4)  
Manganese (7439-96-5)  
Mercaptan Terminated Polymer (NJ Trade secret registry #679485-5016P)  
Mesitylene (108-67-8)  
Methoxy-2-Propyl Acetate (108-65-6)  
Metyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate (82919-37-7)  
Methyl acetate (79-20-9)  
Methyl Alcohol (Methanol)-skin (67-56-1)  
Methyl Ethyl Ketone (MEK)(Butanone) (78-93-3)  
Methyl Ethyl Ketoxime (2-Butanone Oxime)(96-29-7)  
Methyl Isobutyl Ketone (108-10-1)  
Methyl Methacrylate (80-62-6)  
Methyl Methacrylate-Butadiene-Styrene Polymer (25053-09-2)  
Methyl N-Amyl Ketone (2-Heptanone) (110-43-0)  
Methyl Salicylate (119-36-8)  
Methylcyclohexane (108-87-2)  
Methylene chloride (Dichloromethane)(75-09-2)  
Methylenediphenyl Diisocyanate, glycerol propoxylated copolymer (68877-65-6)  
Methylenediphenyl Diisocyanate, hexanediol adipate (72960-42-0)  
Methyltriacetoxysilane (4253-34-3)  
Mica (12001-26-2)  
Mineral Oil (64741-44-2)  
Mineral Oil (64741-89-5)  
Mineral Spirits (8052-41-2)  
Modified Alkylpolysiloxane Copolymer (Trade Secret)  
Modified Chlorinated Polyolefin ( Trade Secret )  
Molybdenum (7439-98-7)  
N-Aminoethylpiperazine (140-31-8)  
N-Butyl acetate (123-86-4)  
N-Butyl alcohol-skin (71-36-3)  
N-Butyl Methacrylate (97-88-1)  
N,N-Dimethylcyclohexylamine (98-94-2)  
N-Heptane (142-82-5)  
N-Methyl-2-Pyrrolidone (872-50-4)  
Naphtha (8032-32-4)  
Naphtha (Stoddard Solvent)(8052-41-3)  
Naphtha (petroleum), heavy alkylate (64741-65-7)  
Naphtha (64741-84-0)  
Naphtha (64742-48-9)  
Naphtha - Hydrotreated Light (Petroleum) (64742-49-0)  
Naphtha (64742-82-1)  
Naphtha (64742-88-7)  
Naphtha (64742-89-8)  
Naphthalene (91-20-3)  
Nickel (7440-02-0)  
Nickel Nitrate (13138-45-9)

Nitrobenzenesulfonic acid sodium salt (127-68-4)  
Nonane, All Isomers (111-84-2)  
Octanes, All Isomers (111-65-9)  
Oleic Acid (112-80-1)  
Oxide Glass Chemicals (65997-17-3)  
Oxirane, Polymer /w/ Methyloxirane, Monobutyl Ether (9038-95-3)  
Oxo-Hexyl-Acetate (88230-35-7)  
P-Tert-Butylphenol-Formaldehyde Resin (25085-50-1)  
P-Toluenesulfonamide (70-55-3)  
Palygorskite (12174-11-7)  
Parachlorobenzotrifluoride (98-56-6)  
Paraffin Wax (64742-51-4)  
Pentyl Propionate (624-54-4)  
Petroleum Distillates (64741-65-7)  
Petroleum Distillates (64742-52-5)  
Petroleum Distillates (64742-54-7)  
Petroleum Distillates (Mixture)  
Petroleum Lube Oil (64742-65-0)  
Phenol, 4-isocyanato-, phosphorothioate (3:1) (ester) (4151-1-3)  
Phenol, 4-isocyanato-, ..... (950747-06-5)  
Phenol-skin (108-95-2)  
Phenolic Resin (Proprietary)  
Phenolphthalein (77-09-8)  
Phosphate Ester Based on Hydrocarbon/Phenolic Resin (CAS # Unavail)  
Phosphoric acid (7664-38-2)  
Phthalate Esters (68515-44-6)  
Phthalate Esters (68515-45-7)  
Phthalate Esters (85507-79-5)  
Phthalate Esters (111381-89-6)  
Phthalate Esters (111381-90-9)  
Phthalate Esters (111381-91-0)  
Pine Oil (8002-09-3)  
Plasticizer (70775-94-9)  
PM Acetate (10-65-9)  
PNP Glycol There (1569-01-3)  
Poly (Vinyl Chloride) (9002-86-2)  
Poly(Butyl Methacrylate)(9003-63-8)  
Poly (Oxypropylene)Diamine (9046-10-0)  
Polybutylene (9003-29-6)  
Polydimethylsiloxane (63148-62-9)  
Polyester Resin (Proprietary)  
Polyether Polyol (9082-00-2)  
Polyethylene (9002-88-4)  
Polyethylene Glycol Sorbitan Monooleate (9005-65-6)  
Polyglycol dimethacrylate (25852-47-5)  
Polyglycol oleate (9004-96-0)  
Polymeric Diamide (68911-25-1)  
Polypropylene Glycol Glycerol Triether (25791-96-2)  
Polyurethane Resin (Proprietary)

Potassium Fluoroborate (14075-53-7)  
Propane (74-98-6)  
Propane (68476-86-8)  
Propyl Alcohol-skin (71-23-8)  
Propylene Glycol (57-55-6)  
Propylene Glycol (25322-69-4)  
Propylene glycol monomethyl ether (107-98-2)  
Potassium Oxide (12136-45-7)  
Pumice (1332-09-8)  
Quarternary Ammonium Compounds (68911-87-5)  
Residual Oils (petroleum), hydrotreated (64742-57-0)  
Saccharin (81-07-2)  
Sebacic Acid (111-20-6)  
Silica (Amorphous, Fumed, Crystalline Free) (112945-52-5)  
Silica, Chrystalline (SEQ677)  
Silica - Crystalline - (Quartz) (14808-60-7)  
Silica (Fused) (60676-86-0)  
Silica Gel (63231-67-4)  
Silica Gel, pptd., cryst.-free (Amorphous Silica) (112926-00-8)  
Silicon (7440-21-2)  
Silicon Carbide (409-21-2)  
Silicon Dioxide (Modified)(68611-44-9)  
Silicon Dioxide (Silica)(7631-86-9)  
Siloxanes and Silicones, Di-Me, Hydroxy-Terminated (70131-67-8)  
Sodium Benzoate (532-32-1)  
Sodium Dodecylbenzene Sulfonate (25155-30-0)  
Sodium Hydroxide (1310-73-2) (Proprietary)  
Sodium Metasilicate (6834-92-0)  
Sodium Oxide (1313-59-3)  
Sodium Potassium Aluminum Silicate (Nepheline Syenite) (37244-96-5)  
Sodium Silicate (13472-30-5)  
Sodium Silicate (6834-92-0)  
Sodium Tetraborate Pentahydrate (11130-12-4)  
Sodium Tetraborate Pentahydrate (12179-04-3)  
Sodium Tripolyphosphate (7758-29-4)  
Solvent Naphtha (Petroleum), Light Aroma (64742-95-6)  
Solvent-Refined Heavy Paraffinic Petroleum Distillates (64741-88-4)  
Stearic Acid (57-11-4)  
Styrene/Alpha-Methylstyrene Copolymer (9011-11-4)  
Styrene-Butadiene Polymer (9003-55-8)  
Styrene, monomer-skin (100-42-5)  
Sulfer (7704-34-9)  
Synthetic Crystalline-Free Silica Gel (112926-00-8)  
Talc (Nonasbestiform, resp. and fibrous) (14807-96-6)  
Tall Oil (8002-26-4)  
Tetra Alkyl Ammonium (85566-47-8)  
Tetrakis (2-hydroxypropu;) ethylenediamine (102-60-3)  
Tin (Metal) (7440-31-5)  
Tin Catalyst (Proprietary)

Tin Oxide (Tin Dioxide) (18282-10-5)  
 Titanium dioxide (1317-80-2)  
 Titanium dioxide (13463-67-7)  
 Toluene-skin (108-88-3)  
 TriCresylphosphate (1330-78-5)  
 Triethylenediamine (280-57-9)  
 Trimethylolpropane Poly Triether (25723-16-4)  
 Trimethylolpropane triacrylate (15625-89-5)  
 Trimethoxysilylpropyl Ethylenediamine (1760-24-3)  
 Tripoli (1317-95-9)  
 TRIS(2,4,6-Dimethylaminomonomethyl)Phenol (90-72-2)  
 TRIS(2,4,6-Dimethylaminomonomethyl)Siloxane (67762-90-7)  
 Tungsten (7440-33-7)  
 Urethan Polymer (68130-40-5)  
 V.M. and P. Naphtha (8032-32-4)  
 Vanadium (1314-62-1)  
 Vinyl Chloride-Vinyl Acetate-Maleic Acid Polymer (9005-09-8)  
 Vinyl Oximinosilane (2224-33-1)  
 Vinyl Resin (25086-48-0)  
 Vinyl Resin (41618-91-1)  
 White Mineral Oil (Petroleum) 8042-47-5  
 Wollastonite (Ca(Sio3)) (Calcium Metasilicate) (13983-17-0)  
 Xylene (o-m-p-isomers) (Dimethybenzene) (1330-20-7)  
 Zinc (7440-66-6)  
 Zinc chromates (11103-86-9)  
 Zinc oxide, fume and dust (1314-13-2)  
 Zinc Phosphate (7779-90-0)  
 Zinc stearate (557-05-1)  
 Zinc Sulfide (1314-98-3)  
 Zirconium Oxide (1314-23-4)

**Ag Mechanics Hazardous Substances**  
**(April 2016)**

A/C Flush Solvent	Irritant	A/C Oil Ester	Irritant
A/C Universal Dye	Irritant	Acetylene	Flammable
Ag Master Hydraulic Oil	Irritant	Anti Seize Lubricant	Irritant
Anti Freeze Ethylene/Glycol	Irritant	Battery Cleaner Lawson	Flammable
Brake and Parts Cleaner CRC	Flammable	Cleaner Degreaser Safety- Kleen	Irritant
Brake Fluid DOT3	Irritant	Copper Coat K&W	Flammable
Citrus Floor Cleaning Powder	Flammable	Engine Assemble Lube Melling	Irritant
Diesel Fuel	Combustible	Gasket Maker Permatex	Irritant
Form A Gasket Permatex	Irritant	Glass Cleaner Lawson	Irritant
Freon R-134A	Refrigerant	Silicone Lubricant Lawson	Irritant
Liquid Wrench Penetrating Oil	Flammable	Wasp Killer Lawson	Irritant
Lubricant Soap 308 John	Irritant	Windshield Washer Fluid	Flammable

Deere			
Motor Oil 10/30 15/40 CHS	Irritant	BioFilter Cleaning System	Combustable/irritant
Neutra Fuel Stabilizer	Irritant	Duracool 12A Refrigerant	Flammable
Non Chlorinated Brake Clean	Flammable	Glass Bead Media	Irritant
Oxygen Gas	Accelerant	Biotene 550 Cleaning Concentrate	Irritant
Safe choice Super Clean	Irritant	PB Blaster Penetrating Catalyst	Combustable/irritant
Silicone RTV	Irritant		
Solvent Carb Dip Tank CRC	Vapor Harmful		
Tapping Fluid Goodson	Irritant		
Thread Sealant with PTFE	Irritant		
Two Cycle Oil TC-W3	Irritant		
Unleaded Gasoline	Flammable		
Valve Grinding Oil	Irritant		
WD-40 Penetrate	Irritant		

**HVAC Hazardous Substances**  
**(February 2016)**

Acetylene	Flammable	Soldering Flux	Irritant
Oxygen Gas	Oxidizer	Brazing Flux	Irritant
Liquid Petroleum	Flammable	Nitrogen	Asphyxiate
Freon R-12	Asphyxiate	15% Brazing Alloy	Irritant
Freon R-22	Asphyxiate	45% Brazing Alloy	Irritant
Freon R-134A	Asphyxiate	95/5 Soft Solder	Irritant
Freon R-404A	Asphyxiate	100% Silvoy Solder	Irritant
Freon R-409A	Asphyxiate	Dynaflow Brazing Alloy	Irritant
Freon R-410A	Asphyxiate	PVC Cleaner	Irritant
Freon R-414B	Asphyxiate	PVC Primer	Irritant
Freon R-500	Asphyxiate	PVC Cement	Irritant
Freon R-502	Asphyxiate	Epox-A-Leak Hardener	Irritant
Refrigerant Oil	Irritant	Pipe Join Compound	Irritant
WD-40 Penetrate	Irritant	Thawzone	Flammable
Heating fuel oil #2	Flammable/Irritant	Wasp Killer	Irritant
Vacuum Pump Oil	Irritant	Jig-A-Loo Penetrate	Irritant
Ice Maker Cleaner	Irritant	Sil-Glyde Lubricant	Irritant
Sanitizing Concentrate	Irritant	800 Industrial Sealant	Irritant
Coil Flush Cleaner	Irritant	Leak Detector Dye	Irritant
Alki-foam Cleaner	Irritant	Regulare Clear Cement	Flammable/Poison
CO2 Absorbent Solution	Poison	Leak Lock	Flammable
Reactor Seal T Plus 2	Poison	Gas leak Detector Low Temp	Irritant
Reactor Seal #5	Flammable/Irritant		

**Auto Mechanical Hazardous Substances**  
**(April 2016)**

Acetone	67-64-1
Acetic Acid	64-19-7
Almandine	1302-62-1
Aliphatic Hydrocarbon	8052-41-3
Antimony and compounds	7440-36-0
Ammonium chloride, fume	12125-02-9
Aniline Hydrochloride	142-04-1
Arsenic	7440-38-2
Benzene	71-43-2
Bismuth	7440-69-9
Butane	106-97-8
2-Butoxyethanol(EGBE)-skin	111-76-2
Calcium carbonate	1317-65-3
Calcium carbonate	471-34-1
Carbon Black	1333-86-4
Carbon dioxide	124-38-9
Cocamide DEA	8050-30-7
Cyclohexane	110-82-7
Copper fume	7440-50-8
1-Decene, dimer, hydrogenated	68649-11-6
Decafluoropentane	138495-42-8
Diacetone alcohol (4-Hydroxy-4-methyl-2-pentanone)	123-42-2
Diethylene glycol	111-46-6
Diethylene glycol monoethyl ether	111-90-0
Diisobutyl ketone	108-83-8
2,3-Dimethylbutane	79-29-8
2,2-Dimethylbutane	75-83-2
Dimethylbenzyl Hydroperoxide	80-15-9
Dimethyl ether	115-10-6
Dimethyl siloxane, Hydroxy-terminated	70131-67-8
Diphenylamine	122-39-4
Dipropylene glycol	25265-71-8
Dipotassium Phosphate	7758-11-4
Dipropylene glycol n-propyl ether	29911-27-1
Dipropylene glycol methyl ether acetate	88917-22-0
Diocadecyl phosphite	19047-85-9
Ethane 1, 1'oxybis-	60-29-7
Ethanol 2-(2-(2-butoxyethoxy)ethoxy)-	143-22-16
Ethanol 2-(2-butoxyethoxy)ethoxy)-	112-35-6
Ethanol 2-(2-(2-ethoxyethoxy)ethoxy)-	112-50-5
Ethanol 2-(2-(2-methoxyethoxy)ethoxy)-	112-35-6
Ethoxylated Alcohol	9016-45-9

Ethyl Acetate	141-78-6
Ethyltriacetoxysilane	17689-77-9
Ethyl alcohol (Ethanol)	64-17-5
Ethyl Hexanoic Acid Sodium Salt	19766-89-3
Ethyl benzene	100-41-4
Ethylenediaminetetraacetic acid tetrasodium salt hydrate	64-02-8
Ethylene glycol	107-21-1
Ethylene oxide	75-21-8
Ethyl 3- Ethoxyproionate	763-69-9
Ethyl Methyl Ketoxime	96-29-7
Ethyltriacetoxysilane	17689-77-9
Gasoline	8006-61-9
Heptane (n-Heptane)	142-82-5
n-Hexane	110-54-3
Hexyl dihydrogen phosphate	68307-94-8
hydrotreated; Hydrotreated middle distillate	64742-46-7
Isobutane	75-28-5
Isohexane Isomers	107-83-5
Isopropanol	67-63-0
Isopropyl alcohol	67-63-0
Lead	7439-92-1
Iron Oxide	7439-89-6
Iron Oxide	1309-37-1
d-Limonene	5989-27-5
Liquefied Petroleum Gas	6847-85-7
Methanol	67-56-1
4-methoxy-2,5-dimethylfuran-3-one	64742-47-8
Methyl Acetate	79-20-9
Methyl alcohol (Methanol)-	67-56-1
Methyl chloroform (1,1-Trichloroethane)	71-55-6
Methylene Chloride	75-09-02
Methyl ethyl ketone	78-93-3
Methyl Nonafluoroisobutyl ether	163702-08-7
Methyl Nonafluorobutyl ether	163702-07-6
3-Methylpentane	96-14-0
Methyl-2 propane (isobutane)	75-28-5
Methyl tert-Butyl ether(MTBE)	1634-04-4
Methyltriacetoxysilane	4253-34-3
Mineral Spirits	64742-47-8
Mineral Oil(white Mineral Oil)	8042-47-5
Mineral Oil Solvent-refined	64741-88-4
Mineral Oil Solvent-refined	64741-89-5
Mineral Oil Solvent-refined Light N Aphthenic	64741-97-5
Mineral Oil Solvent refinded Dewaxed Heavy Paraffinic	64742-65-0



Mixed non-marine animal oils and mixed vegetable oils, sulfurized	68991-19-5
Low Odor Base Solvent	64742-96-7
Naphtha	64741-65-7
Napthenic Petroleum Distillate	64742-52-5
Napthenic Petroleum Oil	64742-53-6
Naphtha, petroleum, Hydrotreated Light	64742-49-0
Synthetic Naptha	64741-66-8
Stoddard Solvent	8052-41-3
Solvent Naptha	64742-88-7
Neodecanoic Acid, Sodium Salt	31548-27-3
Nonylphenoxypoly(ethyleneoxy)ethanol	9016-45-9
1-Octanol	111-87-5
Stearic Acid	64742-47-8
Organo Silicone	68938-54-5
Oxirane,2,2	25085-99-8
Paraffin Oils Hydrotreated, Neutral oil Based	72623-86-0
Paraffin Oils, Light, Catalytic Dewaxed	64742-71-8
Heavy Paraffinic Distillate Solvent Extract	64742-04-7
Paraffin Oil	8012-95-1
PEG-2 soyamine	61791-24-0
Pentaethylene glycol monobutyl ether	23601-39-0
Perchloroethylene (Tetrachloroethylene)-skin	127-18-4
Petrolatum	8009-03-8
Petroleum Oil - Napthenic	64741-96-4
Petroleum Distillates Hydratreated Light Paraffinic	64742-55-8
Petroleum Distillates, Hydrotreated Heavy Paraffinic	64742-54-7
Petroleum Distillates Catalytic, Reformer Fractionator	68477-31-6
Petroleum Distillates, Hydrotreated Middle Paraffinic	64742-46-7
Lubricating oils (petroleum), C15-30 hydrotreated neutral oil-based	72623-86-0
Lubricating oils (petroleum), C20-50 hydrotreated neutral oil-based	72623-87-1
Petroleum Residual oils Hydrotreated	64742-57-0
Paraffinic Mineral oil	8042-47-5
Phenol-skin	108-95-2
Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4
Phosphoric acid esters, amine salt	91745-46-9
Phosphorodithioic acid o,o-di-c1-14-alkyl esters zinc salts	68649-42-3
Polyalkalene Glycol	9003-13-8
Poly(bisphenol-A-co-epichlorohydrin)	25068-38-6
1-Decene, homopolymer, hydrogenated	68037-01-4
Polydimethylsiloxan	63748-62-9

Polyethylene glycol Methyl ether	9004-74-4
Polyglycol Dimethacrylate	25852-47-5
Polyethylene glycol ether	18268-70-7
POLYETHYLENE GLYCOL TRIMETHYLNONYL ETHER	68131-40-8
Polyisobutylene	9003-27-4
Polypropylene	9003-07-0
Poly(oxy-1,2-ethanediyl), Alpha.-(4-Nonylphenyl)-.omega.-Hydroxy-, branched	127087-87-0
Polytetrafluoroethylene (TEFLON)	9002-84-0
Polymerized Rosin	65997-05-9
Potassium hydroxide	1310-58-3
N-Propyl Bromide	106-94-5
Propane	74-98-6
Propane/Isobutane/n-Butane	68476-86-8
2-Propanone	67-64-1
2-Propenoic acid, 2-methyl	68171-50-6
Propylene glycol	57-55-6
Polyoxyethylene Tridecyl alcohol	68439-46-3
Poly(oxy-1,2-ethanediyl),a-undecyl-w-hydroxy-	34398-01-1
Pumice	1332-09-8
Silane, dichlorodimethyl-	68611-44-9
Silica- Amorphous treated	68909-20-6
Silica – Amorphous	7631-86-9
Silica – Mica	12001-26-2
SILANOL TERMINATED POLYDIMETHYLSILOXANE	70131-67-8
Treated Slicicon Dioxide	67762-90-7
Silicon Dioxide Hydrated	7631-86-9
Silver	7440-22-4
Sodium dodecylbenzenesulphonate	25155-30-0
Sodium Hydroxide	1310-73-2
Sodium Metasilicate	6834-92-0
Solvent Naphtha	64742-89-8
Sodium Silicate	1344-09-8
Sodium Siulonate	68608-26-4
Sodium xylenesulfonate	1300-72-7
Sodium triphosphate	7758-29-4
Sulfer Dioxide	7446-09-5
Sulferized Fatty Acid	68991-70-8
Sulfuric acid	7664-93-9
Rosin	232-457-7
TERT-AMYL METHYL ETHER	994-05-8
Tetraethylene glycol	112-60-7
Tetraethylene glycol Monobutyl ether	1559-34-8
1,1,1,2-Tetrafluoroethane	811-97-2

Tetrasodium ethylenediamine tetraacetate	64-02-8
Tin	7440-31-5
Titanium dioxide	13463-67-7
Toluene	108-88-3
Triacetoxy(methyl)silane	4253-34-3
1,2,4-Trichlorobenzene	120-82-1
Trichlorofluoromethane (Fluorocarbon 11)	75-69-4
1,1,2-Trichloro-1,2,2-trifluoroethane (Fluorocarbon 113)	76-13-1
TRIMETHYLOLPROPANE TRIS(3-MERCAPTOPROPIONATE)	33007-83-9
Turpentine	8006-64-2
Tris(dimethylaminomethyl)phenol	90-72-2
Vinyltris(methylethylketoximine)silane	2224-33-1
Water	7732-18-5
Xylene (o-m-p-isomers)	1330-20-7
Zinc	7440-66-6
Zinc chloride fume	7646-85-7
Zinc Dithiophosphate	68649-42-3
Zinc oxide, fume and dust	1314-13-2

### **Agribusiness Lab C-103 North Mankato Campus Hazardous Substances**

**May 2016**

- Sodium hydroxide
- Sulfuric acid
- Propylene glycol
- Ethyl alcohol (Ethanol)
- Methyl alcohol (Methanol)
- Isopropyl alcohol
- Hydrochloric Acid
- Boric Acid

### **Cafeteria North Mankato Campus Hazardous Substances**

**February 2016**

- Sodium hydroxide
- Ammonia
- Sodium hypochlorite
- Ethyl alcohol (Ethanol)
- Methyl alcohol (Methanol)
- Acetic acid
- Hydrogen peroxide
- Ethanolamine

- Propylene glycol monomethyl ether
- Phosphoric acid
- 2-Butoxyethanol(EGBE)
- Isopropyl alcohol
- Diethanolamine
- Potassium hydroxide
- Mineral oil
- Corrosive agent

**Maintenance, North Mankato Campus Hazardous Substances**  
**May 2016**

- Ethyl alcohol (Ethanol)
- Phosphoric acid
- Hydrogen peroxide
- Trisodium phosphate
- 2-Butoxyethanol
- Propane
- Butane
- Calcium carbonate
- Titanium dioxide
- VM&P naphtha
- Xylene
- Toluene
- Dichlorodifluoromethane
- Diethanolamine
- Isopropyl alcohol (isopropanol)
- Acetic acid
- Cumene
- Trimethylbenzene
- Formaldehyde
- Petroleum distillates
- Propylene glycol
- Trichloroethylene
- Perchloroethylene (Tetrachloroethylene)
- Carbon dioxide
- Mineral oil
- Sodium hypochlorite

- Dipropylene glycol methyl ether
- Lead
- Antimony
- Sulfuric acid
- Tin (Metal)
- Urea
- Benzyl alcohol
- Ethanolamine
- Sodium hydroxide
- Ethyl benzene
- Triethanolamine
- Oxalic acid
- Ammonia
- Propylene glycol monomethyl ether
- 1,1,1-Trichloroethane
- Acetone
- Methylene chloride
- Propylene oxide
- Potassium Hydroxide
- 2-Poperoic acid, polymer with sodium phosphate
- Polyethylene glycol
- 2, 2 Dibromo-3 nitfilopropiormide
- Dibromoacetonitrile
- Sodium bromide

**Maintenance Faribault Campus Hazardous Substances**  
**June 2016**

- 2-Butoxyethanol
- Tetrachloroethylene
- Acetone
- Propane
- Cyclohexane
- Hexane (n-hexane)
- Butane
- Ethylbenzene
- Quartz

- Cristobalite
- Talc
- Titanium dioxide
- Mica (dust)
- Calcium carbonate
- Heptane (n-heptane)
- Cellulose (paper fiber)
- Vinyl acetate
- Petroleum distillates
- Carbon dioxide
- Dichloromethane
- Methyl alcohol (Methanol)
- Potassium hydroxide
- Isopropyl alcohol
- 2-Diethylaminoethanol
- Sodium hydroxide
- Propylene glycol
- Acrylic acid
- Dipropylene glycol methyl ether
- Phosphoric acid
- Triethanolamine
- Butyl cellosolve
- Zinc oxide
- Diethylene glycol monoethyl ether
- Glutaraldehyde
- Trimethylbenzene
- Xylene
- Cumene
- Ethanolamine
- Safrole
- Hydrogen peroxide
- Urea
- Argon
- Ethyl alcohol (Ethanol)
- Glycerin (Mist)
- Ethylene glycol
- Lead

- Arsenic
- Sulfuric acid

**Mechatronics, North Mankato & Faribault Campus Hazardous Substances**  
**February 2016**

- Mineral oil
- Petroleum distillates
- Ethyl alcohol (Ethanol)

**Computer Integrated Machining, North Mankato Campus Hazardous**  
**Substances**  
**February 2016**

- Chlorinated paraffin
- Mineral oils
- Alkanes
- Petroleum distillates
- Diisobutyl ketone
- Carbon dioxide
- Xylene
- Dimethyl ether
- 1,1,1,2-Tetrafluoroethane
- Talc (Nonasbestiform, resp. and fibrous)
- 1,1,1-Trichloroethane
- Propane
- Manganese
- Copper (dust, mist, and fumes)
- Aluminum (dust, powder, salts, and fumes)
- Zirconium compounds

**Computer Integrated Machining, Faribault Campus Hazardous Substances**  
**June 2014**

- Mineral oils
- Petroleum distillates
- Silicon carbide
- Ethylene oxide
- Phosphoric acid

- Acetone
- Ethyl alcohol (Ethanol)
- n-Propyl acetate
- Butyl acetate
- Diacetone alcohol (4-Hydroxy-4-methyl-2-pentanone)
- Triethanolamine
- Zinc oxide
- Lithium hydroxide (monohydrate portion)
- Chlorinated paraffins
- a-Alumina
- Hexylene glycol
- 1,1,1,2-Tetrafluoroethane
- Isopropyl alcohol
- 2-Butoxyethanol (EGBE)
- Propane
- n-Butane
- Ethanolamine
- Dipropylene glycol methyl ether
- Carbon dioxide

**Welding, North Mankato Campus Hazardous Substances**  
**February 2016**

- Titanium dioxides
- Quartz
- Magnesite
- Limestone
- Chromium metal
- Nickel
- Molybdenum
- Manganese
- Copper dust & mists
- Copper fumes
- Boron oxide
- Toluene
- Calcium carbonate
- Fluorides (as F)
- Silicon



- Cellulose
- Lead
- Aluminum welding fumes
- Aluminum metal dust
- Tin (metal)
- Aluminum oxide
- Boron oxide
- Cadmium
- Argon
- Helium
- Nitrogen
- Calcium oxide
- Acetylene
- Carbon dioxide
- Propylene
- Propane
- Arsine
- Nitrogen dioxide
- Silver
- Iron oxide fumes
- Potassium hydroxide
- Petroleum distillates
- Naphthalene
- Ethyl alcohol (Ethanol)
- Ethyl acetate
- Acetone
- Dichloromethane
- Dimethyl ether
- Mineral oil
- Zinc chloride fumes
- Ammonium chloride fumes
- Asbestos fiber
- Ethylene glycol
- Formaldehyde
- n-Butyl acetate
- Xylene
- Hexane

- Isopropyl acetate
- Isopropyl alcohol
- Methyl ethyl ketone (MEK)
- Methylene chloride
- Magnesium oxide fumes
- Acrylic acid
- Saccharin
- n-Butyl glycidyl ether (BGE)
- Resorcinol
- Methyl alcohol (Methanol)
- Hydroquinone
- Methacrylic acid
- Methyl methacrylate
- Polytetrafluoroethylene
- Barium sulfate
- Kaolin
- Antimony trioxide
- Lead phosphate
- Tetrahydrofuran
- Cyclohexanone
- Propylene glycol
- Methyl isobutyl ketone (Hexone)
- Heptane (n-Heptane)
- Carbon black
- VM&P Naphtha
- Ammonia
- Perchloroethylene (Tetrachloroethylene)
- 1,1,1-Trichloroethane
- Stoddard solvent
- Propylene dichloride (1,2-Dichloro propane)
- Ethyl Benzene
- Turpentine
- Carbon tetrachloride
- Cyclohexane
- Benzene
- Methyl n-amyl ketone
- Ethylene dichloride (1,2-Dichloroethane)

- Diethyl ether
- Trichlorofluoromethane
- 1,1,2-Trichloro-1,2,2-trifluoroethane (Fluorocarbon)
- Dichlorodifluoromethane
- Boron trifluoride
- Hydrogen fluoride
- 2-Ethoxyethyl acetate
- Naphthalene
- Nitromethane
- Trichloroethylene
- Trimethylbenzene
- n-Butyl alcohol
- Sodium hydroxide
- Phenol
- Perchloroethylene
- Formaldehyde
- Morpholine
- Gasoline
- Sulfuric acid
- Mercury
- Butyl cellosolve
- Ethyl ether
- Styrene
- 2-Butanone
- 2-Butoxyethanol (EGBE)
- Methyl ethyl ketoxime
- Lead chromate
- Isophorone diisocyanate
- Hexamethylene diisocyanate
- Silica
- Kaolin dusts
- Pentachlorophenol (PCP)
- Diacetone alcohol (4-Hydroxy-4-methyl-2-pentanone)
- Talc
- Nonane
- Cumene
- Methyl chloroform (1,1-Trichloroethane)

- Acrylonitrile

**Welding, Faribault Campus Hazardous Substances**  
**May 2016**

- Calcium carbonate
- Cellulose
- Chromium (Metal)
- Iron oxide fumes
- Manganese
- Mica, dust
- Molybdenum
- Nickel
- Silica
- Silicon
- Titanium dioxide
- Copper dust, mists, and fumes
- Potassium hydroxide
- Argon
- Acetylene
- Cobalt dust and fumes
- Tungsten and compounds
- Zirconium compounds
- Sodium silicate
- Chlorite
- Magnesite
- Ozone
- Carbon Dioxide
- Carbon Monoxide
- Sodium Silicate
- Potassium Silicate
- Nitrogen dioxide
- Aluminum alloys
- Chromium oxide

**Press Lab, North Mankato Campus Hazardous Substances**  
**February 2016**

- Propylene glycol
- Phosphoric acid

- Glycerin
- Ethylene glycol
- Diethanolamine
- Triethanolamine
- Acetic acid
- Carbon black
- Cyclohexanone
- Benzyl alcohol
- Trimethylbenzene
- Ethanol
- Methanol
- Methyl isobutyl ketone
- Isopropyl alcohol
- Xylene
- Acetone
- Methylene Chloride
- Perchloroethylene
- Dichloromethane
- Tetrachloroethylene
- Petroleum Distillates
- Propane
- Hexane
- Butoxyethanol
- Formaldehyde
- Silicon carbide
- Triethanolamine
- Sodium hydroxide
- Trisodium Phosphate
- Carbon dioxide
- Trichloroethane
- Butoxy ethanol
- Potassium hydroxide
- Stoddard solvent
- Toluene
- Methyl Chloroform
- Heptane

**Nursing Simulation Lab, North Mankato Campus Hazardous Substances**  
**May 2016**

- Isopropyl alcohol (Isopropanol)
- Ethyl alcohol (Ethanol)
- Glycerin

**Nursing, North Mankato & Faribault Campus Hazardous Substances**  
**May 2016**

- Isopropyl alcohol
- Glycerin
- Ethanol

**Medical Lab Tech Lab, Faribault Campus Hazardous Substances**  
**May 2016**

- Sodium hydroxide
- Acetic acid
- Acetone
- Methyl alcohol (Methanol)
- Ethyl alcohol (Ethanol)
- Methyl isobutyl ketone (Hexone)
- Sodium azide
- Nitric acid
- Sodium hypochlorite
- Hydrogen peroxide
- Isopropyl alcohol
- Urea
- Chloramphenicol
- Mineral oils
- Phenol
- Potassium hydroxide
- Picric acid

**Medical Lab Tech Lab, North Mankato Campus Hazardous Substances**  
**May 2016**

- Acetone
- Isopropyl alcohol

- Methyl isobutyl Ketone
- Sodium azide
- Nitric acid
- Picric acid
- Sodium hydroxide
- Urea
- Chloramphenicol
- Acetic acid
- Phenol
- Potassium hydroxide
- Mineral oil

**Dental Program, Minnesota State University, Mankato Campus Hazardous**  
**Substances**  
**February 2016**

- Ethyl alcohol (Ethanol)
- Silica (SiO<sub>2</sub>)
- Quartz
- Cobalt (Metal dust and fumes)
- Limestone
- Mineral oil
- Aluminum oxide
- Silicon carbide
- Magnesium oxide fume
- Calcium sulfate
- Diatomaceous earth
- Acetic acid
- Hydroquinone
- Potassium hydroxide
- Sodium hypochlorite
- Phosphoric acid
- Isopropyl alcohol
- Acetone
- Benzoyl peroxide
- Asbestos

- Methyl alcohol (Methanol)
- Calcium hydroxide
- Vegetable oil
- Tetrasodium pyrophosphate
- Toluene
- Methyl ethyl ketone (MEK)
- Calcium silicate
- Chloroform
- Sodium bisulfate
- Polyethylene glycols
- Titanium dioxide
- Vinyl acetate
- Zinc oxide fume and dust
- Zinc chloride fume
- Silver
- Copper
- Tin
- Mercury
- Methyl methacrylate
- Calcium carbonate
- Thiourea
- Titanium dioxide
- 2,6-Di-tert-butyl-p-cresol
- Polyethylene glycol
- Gypsum
- 2-Butanone
- Hydrogen peroxide
- Acrylic acid
- Lead
- Diethylene glycol
- Benzoyl peroxide
- Glycerin mist
- Propane
- Butane
- Petroleum distillates (Napatha)
- Potassium hydroxide
- Sodium metabisulfite



- Sodium hydroxide
- Triethanolamine
- Cadmium
- p-Aminobenzoic acid
- Dibutyl phthalate
- Zinc Stearate

**Appendix C**

**Contractor Hazardous Substances, Physical Hazards, & Infectious Agents  
Information Sheet**

Work Area \_\_\_\_\_

Contact Person \_\_\_\_\_

Contractor \_\_\_\_\_

Work To Be Performed \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

I have been informed there may be hazardous substances, physical hazards, and/or infectious agents in an area where my employees will be working and that their hazards, if any, are described in the SDS's and information sheets located in the area. I take full responsibility for ensuring that my employees follow safe working procedures and take the appropriate protective measures during the course of their work on the premises. I also agree to provide South Central College with SDS's on any hazardous substances and/or information sheets on physical hazards or infectious agents, I bring into the facility or job site.

\_\_\_\_\_  
Signature of Contractor

\_\_\_\_\_  
Date

\_\_\_\_\_  
SCC Representative

\_\_\_\_\_  
Date