# SAFETY DATA SHEET

## MP-REF-60020S

# Section 1. Identification

Product Identifier: Schiff's Chair Cleaner & Polish
Other Means of Identification: Organomodified Polydimethylsiloxane

Product Type: Liquid

Recommended Uses and: Cleaner/polish for smooth upholstery & hard surfaces

Restrictions on use: None known

Supplier's Details: maxill inc.

80 Elm Street, St. Thomas, ON N5R 6C8 Canada

Phone: 519-631-7370 Fax: 519-631-3388 Website: maxill.com

maxill inc.

500 W. Main Street, Cortland, OH 44410 USA

Phone: 1-855-462-9455 Fax: 330-637-1154 Website: maxill.com

Emergency Telephone: CA

CANUTEC, Canada: 1-888-226-8832 International: +1-613-996-6666 ChemTel: 1-800-255-3924, outside US and Canada, 1-813-248-0585

# Section 2. Hazards Identification

WHMIS/HPR Status: This material is considered hazardous by the Hazardous Products Regulations

(S.O.R./2015-17).

Classification of the:

Number

Substance or mixture EYE IRRITATION – Category 2B

**GHS Label Elements** 

Hazard pictograms: None

Signal Word: Warning

Hazard Statements: Causes eye irritation

**Precautionary Statements** 

**Prevention:** Wear eye or face protection.

**Response:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

If eye irritation persists: get medical advice/attention.

Storage: Not Applicable Disposal: Not Applicable

**Hazards Not Otherwise:** 

Classified

None Known

# Section 3. Composition/Information on Ingredients

Substance/mixture: Mixture

Chemical Name	%	CAS Number
Hexylene Glycol	0.1 - 1	107-41-5
Fatty acids, coco, reaction products with diethylenetriamine and	1 - 5	68604-75-1
soya fatty acids, ethoxylated, chloromethane-quaternized		
Alcohol Ethoxylate	1 - 5	68991-48-0

The actual concentration is withheld as a trade secret.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

# **Section 4. First Aid Measures**

### **Description of Necessary First Aid Measures**

**Eye Contact:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower

eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20

minutes. Get medical attention.

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If

not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical

surveillance for 48 hours.

**Skin Contact:** Flush contaminated skin with plenty of water. Get medical attention if irritation persists.

Wash clothing before reuse. Clean shoes thoroughly before reuse.

**Ingestion:** Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and

keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious

immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt

person. If unconscious, place in recovery position and get medical attention

or waistband.

### Most Important Symptons/Effects, Acute and Delayed

**Potential Acute Health Effects** 

**Eye Contact:** Causes eye irritation

Inhalation: Exposure to decomposition products may cause a health hazard. Serious effects may be

delayed following exposure.

**Skin Contact:** No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

**Over Exposure Signs/Symptoms** 

**Eye Contact:** Adverse symptoms may include the following:

Pain or irritation

Watering Redness

Inhalation: No known significant effects or critical hazards. **Skin Contact:** No known significant effects or critical hazards. Ingestion: No known significant effects or critical hazards.

Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary

**Notes to Physician:** In case of inhalation of decomposition products in a fire, symptoms may be delayed. The

exposed person may need to be kept under medical surveillance for 48 hours.

**Specific Treatments:** No specific treatment

**Protection of First Aiders:** No action shall be taken involving any personal risk or without suitable training. It may be

dangerous to the person providing aid to give mouth-to-mouth resuscitation.

# **Section 5. Fire-Fighting Measures**

**Extinguishing Media** 

Suitable extinguishing: Use an extinguishing agent suitable for the surrounding fire.

media

Unsuitable extinguishing: None known

media

Specific Hazards Arising: No specific fire or explosion hazard

from the chemical

Hazardous thermal: Decomposition products may include the following materials:

decomposition products carbon dioxide

> carbon monoxide silicon oxides hydrochloric acid volatile amines nitrogen oxides

**Special protective actions:** 

for fire-fighters

No special measures are required.

Special protective: Fire-fighters should wear appropriate protective equipment and self-contained breathing

equipment for fire-fighters apparatus (SCBA) with a full face-piece operated in positive pressure mode.

# Section 6. Accidental Release Measures

### Personal Precautions, Protective Equipment and Emergency Procedures

For non-emergency: Personnel

No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For nonemergency personnel".

**Environmental Precautions:** 

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

## Methods and Materials for Containment and Cleaning Up

Spill:

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

# Section 7. Handling and Storage

## Precautions for Safe Handling

**Protective Measures:** 

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on General: occupational hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

Conditions for Safe: Storage, including any Incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

# **Section 8. Exposure Controls/ Personal Protection**

# **Control Parameters**

Occupational Exposure:

**Limits** 

Hexylene Glycol	exylene Glycol Ceiling Limit Value: ACGIH		-
	Ceiling Limit Value and Time	25 ppm	125 mg/m <sup>3</sup>
	Period (if specified): NIOSH		
	Ceiling Limit Value: OSHA Z1A	25 ppm	125 mg/m <sup>3</sup>
Non-hazardous	Time Weighted Average(TWA):	-	10 mg/m <sup>3</sup>
proprietary ingredient	ACGIH		
	PEL: OSHA Z1	-	5 mg/m <sup>3</sup>
	PEL: OSHA Z1	-	15 mg/m <sup>3</sup>
	Time Weighted Average (TWA):	-	5 mg/m <sup>3</sup>
	OSHA Z1A		
	Time Weighted Average (TWA):	-	10 mg/m <sup>3</sup>
	OSHA Z1A		_
	Time Weighted Average (TWA):	-	5 mg/m <sup>3</sup>
	Permissible Exposure Limit		
	(PEL): US CA OEL		
	Time Weighted Average (TWA):	-	10 mg/m <sup>3</sup>
	Permissible Exposure Limit		
	(PEL): US CA OEL		

Appropriate Engineering: Controls

Good general ventilation should be sufficient to control worker exposure to airborne

contaminants.

**Environmental Exposure: Controls** 

Emissions from ventilation or work process equipment should be checked to ensure they

comply with the requirements of environmental protection legislation.

# **Individual Protection Measures**

**Hygiene Measures:** 

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/Face Protection:** 

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

# **Skin Protection**

**Hand Protection:** 

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body Protection:** 

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other Skin Protection: Appropriate footwear and any additional skin protection measures should be selected

based on the task being performed and the risks involved and should be approved by a

specialist before handling this product.

Respiratory Protection: Use a properly fitted, air-purifying or supplied air respirator complying with an approved

standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe

working limits of the selected respirator.

# **Section 9. Physical and Chemical Properties**

**Appearance** 

Physical State: Liquid. [emulsion]

**Color:** Off white to yellowish cream

Odor: Mild

Odor Threshold:

pH:

A.5 to 7.0 [as is]

Melting/Freezing Point:

Not available

Not available

>100°C (>212°F)

>93.3°C (>200°F)

Evaporation Rate:

Not available

>100°C (>212°F)

>93.3°C (>200°F)

Flammability (solid, gas): Not available Lower and Upper Explosive: Not available

(flammable) Limits

Vapor Pressure:Not availableVapor Density:>1 [Air = 1]Relative Density:0.97 - 1.01

**Solubility:** Easily soluble in the following materials: water

Partition Coefficient: Not available

n-octanol/water

**Auto-Ignition Temperature:** Not available **Decomposition Temperature:** Not available

Viscosity: 2000-8000 cps (Brookfield)

# Section 10. Stability and Reactivity

**Reactivity:**No specific test data related to reactivity available for this product or its ingredients

Chemical Stability: The product is stable

Possibility of Hazardous:

reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid: No specific data.

Incompatible Materials: Reactive or incompatible with the following materials: strong oxidizing agents and strong

acids.

**Hazardous Decomposition:** 

products

Under normal conditions of storage and use, hazardous decomposition products

should not be produced.

# **Section 11. Toxicological Information**

## Information on toxicological effects

## **Acute toxicity**

There is no data available.

#### Irritation/Corrosion

There is no data available.

#### Sensitization

There is no data available.

#### Carcinogenicity

No components are listed as carcinogens by IARC, ACGIH, OSHA or NTP above the threshold of 0.1%

### Specific Target Organ Toxicity (single exposure)

There is no data available

### **Specific Target Organ Toxicity (repeated exposure)**

There is no data available

#### **Aspiration Hazard**

There is no data available

Information on the likely:

Dermal contact. Eye contact. Inhalation. Ingestion.

routes of exposure

#### **Potential Acute Health Effects**

**Eye contact:** Causes serious eye damage

**Inhalation:** Exposure to decomposition products may cause a health hazard. Serious effects may be

delayed following exposure.

Skin Contact: No known significant effects or critical hazards. Ingestion: No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye Contact:** Adverse symptoms may include the following:

Pain or irritation Watering Redness

Inhalation: No known significant effects or critical hazards.

Skin Contact: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

### Delayed and immediate effects and also chronic effects from short and long term exposure

### Short term exposure

**Potential immediate effects:** No known significant effects or critical hazards. **Potential delayed effects:** No known significant effects or critical hazards.

Long term exposure

**Potential immediate effects:** No known significant effects or critical hazards. **Potential delayed effects:** No known significant effects or critical hazards.

### Potential chronic health effects

General:

No known significant effects or critical hazards.

Carcinogenicity:

No known significant effects or critical hazards.

Mutagenicity:

No known significant effects or critical hazards.

Teratogenicity:

No known significant effects or critical hazards.

Developmental effects:

No known significant effects or critical hazards.

Fertility effects:

No known significant effects or critical hazards.

No known significant effects or critical hazards.

There is no data available.

# **Section 12. Ecological Information**

There is no data available. **Toxicity** 

Persistence and Degradability: There is no data available.

There is no data available. **Bioaccumulative Potential:** 

Log Kow

**Mobility in Soil** 

Soil/water partition coefficient: Not available.

 $(K_{oc})$ 

Other adverse effects: No known significant effects or critical hazards.

# **Section 13. Disposal Considerations**

**Disposal Methods:** 

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

# **Section 14. Transport Information**

	TDG/DOT Classification	IMDG	IATA
UN Number	Not regulated	Not regulated	Not regulated
UN Proper Shipping	-	-	-
Name			
Transport Hazard	-	-	-
Class(es)			
Packing Group	-	-	-
<b>Environmental Hazards</b>	No	No	No
Additional Information	-	-	-

Transport in bulk according: Not available

To Annex II of MARPOL 73/78 and the IBC Code

**Special precautions for user:** Transport within user's premises: always transport in closed containers that are

upright and secure. Ensure that persons transporting the product know what to do

in the event of an accident or spillage.

# **Section 15. Regulatory Information**

U.S. Federal Regulations: United States Inventory (TSCA): All components are listed or exempted

Clean Air Act Section 112: Not listed

(b) Hazardous Air Pollutants (HAPS)

Clean Air Act Section 602: Not listed

**Class I Substances** 

Clean Air Act Section 602: Not listed

**Class II Substances** 

**DEA List I Chemicals:** Not listed

(Precursor Chemicals)

**DEA List II Chemicals:** Not listed

(Essential Chemicals)

## **SARA 302/304**

# Composition/Information on Ingredients

Not listed

### **SARA 311/312**

**Classification:** See Section 2 for more information

### **International Lists**

**National Inventory** 

Australia (AICS): All components are listed or exempted. Canada (DSL): All components are listed or exempted. China (IECSC): All components are listed or exempted. **Europe (EINECS):** One or more components are not listed. Japan (ENCS): All components are listed or exempted. New Zealand (NZIoC): All components are listed or exempted. Philippines (PICCS): One or more components are not listed. **Republic of Korea (KECL):** All components are listed or exempted. Taiwan (NECI): All components are listed or exempted.

# **Section 16. Other Information**

### **History**

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Date of previous issue:

Version: 1
Revised Section(s): N/A

Prepared by: Reg. Dept.

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