

# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):

**NEW GENERATION 40 (PART B)**

Product Number: 5840

Product Division:

**Janitorial**

**Spartan Chemical Company, Inc.**

Product/Technical

Information: **1-(800)-537-8990**

**1110 Spartan Drive**

Medical Emergency:

**1-(888)-314-6171 (24 hours)**

**Maumee OH 43537**

Chemical Leak/Spil

Emergency: **CHEMTREC 1-(800) 424-9300 (24 hours)**

|                       |  |
|-----------------------|--|
| Shipping Description: | Buffing, polishing compounds, liquid, n.o.s. |
|-----------------------|--|

|                      |              |                            |                            |
|----------------------|--------------|----------------------------|----------------------------|
| <b>NFPA Ratings:</b> |              | <b>HMIS Ratings:</b>       |                            |
| <b>Health:</b>       | 2 - Moderate | <b>Health:</b>             | 2 - Moderate               |
| <b>Fire:</b>         | 1- Slight    | <b>Fire:</b>               | 1- Slight                  |
| <b>Reactivity:</b>   | 0 - Minimal  | <b>Reactivity:</b>         | 0 - Minimal                |
|                      |              | <b>Pers. Prot. Equip.:</b> | B - Safety Glasses; gloves |

### SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

|  |  |                |                 |
|--|--|----------------|-----------------|
|  |  | Table Z- 1 - A | NTP,<br>IARC or |
|--|--|----------------|-----------------|

| Chemical Name(s)                    | % W | CAS Registry No. | TWA mg/m <sup>3</sup> | STEL mg/m <sup>3</sup> | CEILING mg/m <sup>3</sup> | OSHA Carcinogen |
|-------------------------------------|-----|------------------|-----------------------|------------------------|---------------------------|-----------------|
| Polyamine curing agent              | N/A | 111-40-0         | 4.2 (skin)            | Not Established        | Not Established           | No              |
| Polyamine curing agent              | N/A | 112-24-3         | Not Established       | Not Established        | Not Established           | No              |
| Polyamine curing agent              | N/A | 112-57-2         | Not Established       | Not Established        | Not Established           | No              |
| *Diethylene glycol monopropyl ether | 25  | 2807-30-9        | Not Established       | Not Established        | Not Established           | No              |

Comment: \*This substance is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (SARA) and of 40 CFR 372. This product does not contain any California Proposition 65 designated chemicals.

### SECTION III: PHYSICAL DATA

|                                 |   |  |  |
|---------------------------------|---|--|--|
| Boiling Point:                  | >212 °F                                     | Vapor Pressure:                        | <4.0 mm Hg @ 75°F                                    |
| Vapor Density (AIR = 1):        | Unknown                                     | Solubility in Water:                   | Dilutable  |
| pH:                             | 8.3-9.3                                     | Specific Gravity (H <sub>2</sub> O=1): | 1.04   |
| Evaporation Rate (but.ace. =1): | <1  | Percent Solid by Weight:               | 40   |
| Physical State:                 | Liquid                                      | Volatile Organic Compounds:            | 380 g/L (ACM), When Combined with Part A: 320g/L ACM |
| Appearance & Odor:              | Thick tan liquid; slight solvent/amine odor |  |  |

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

|                                   |   |                  |          |
|-----------------------------------|---|------------------|----------|
| Flash Point:                      | 165°F   | Method Used:     | ASTM-D56 |
| Flammable Limits:                 | N/A   | Flame Extension: | N/A      |
| Extinguishing Media:              | Use carbon dioxide or dry chemical for small fires; aqueous foam or water for large fires.  |                  |          |
| Special Fire Fighting Procedures: | Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists. |                  |          |
| Unusual Fire & Explosive Hazards: | Closed containers may rupture due to build up of pressure when exposed to extreme heat.   |                  |          |

### SECTION V: HEALTH HAZARD DATA

|  |  |                          |                                |
|--|--|--------------------------|--------------------------------|
| Threshold Limit Value:                       | Not Established  | Primary Routes of Entry: | Inhalation, Skin Contact, Eyes |
| Effects of Overexposure-Conditions to Avoid: | Causes severe eye and skin irritation. Harmful if swallowed. May cause respiratory irritation. Avoid eye and skin contact. Do not swallow. Avoid breathing vapor or mist. Contains solvents which may cause injury to liver; kidneys; bone marrow; blood cells and central nervous system after repeated overexposure and prolonged use. |                          |                                |
| Conditions Aggravated by Use:                | Unknown  |                          |                                |

**Emergency & First Aid Procedures:**

|             |  |
|-------------|--|
| Eyes:       | In case of contact; immediately flush eyes with water for at least 15 minutes. Remove contact lenses. Call a physician                               |
| Skin:       | Do not allow to cure on skin. Rinse immediately with water and detergent. May cause allergic reaction and/or skin sensitization in some individuals. |
| Ingestion:  | Call a physician immediately.  |
| Inhalation: | In case of respiratory irritation; move person to fresh air.   |

## SECTION VI: REACTIVITY DATA

|                                   |  |                           |   |
|-----------------------------------|--|---------------------------|---|
| Stability:                        | Stable. Curing reaction is exothermic  | Incompatible Materials:   | Contamination with strong acids; epoxy resins; or isocyanates with cause polymerization |
| Hazardous Decomposition Products: | Fumes produced when heated to decomposition may include: Carbon monoxide and carbon dioxide, oxides of nitrogen. | Hazardous Polymerization: | Will Not Occur  |

## SECTION VII: SPILL OR LEAK PROCEDURES

|  |  |
|--|--|
| Steps to be Taken in Case Material is Released or Spilled: | Absorb and collect with inert material and collect for disposal. Flush area with water. Do not allow material to enter waterway. |
| Waste Disposal Method:                                     | Incinerate or use biological treatment in accordance with Federal, state and local regulations.                                  |

## SECTION VIII: SPECIAL PROTECTION INFORMATION

|                                  |  |
|----------------------------------|--|
| Respiratory Protection:          | Wear a properly fitted NIOSH/MSHA approved respirator whenever exposure to vapor/mist is likely unless levels are below applicable limits. |
| Ventilation:                     | Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.         |
| Protective Gloves(Specify Type): | For operations where contact can occur, wear impervious (neoprene) gloves.   |
| Eye Protection(Specify Type):    | Safety goggles   |
| Other Protective Equipment:      | An eye wash facility and/or source of fresh water should be available.   |

## SECTION IX: SPECIAL PRECAUTIONS

|                                  |  |
|----------------------------------|--|
| Precautions; Handling & Storing: | Keep from freezing.  |
| Other Precautions:               | Avoid contact with skin. Do not apply to hot surfaces. Avoid excessive heat. |

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**NEW GENERATION 40 (PART B)**

Ref: 29 CFR 1910.1200  
(OSHA)

Name: Ronald T. Cook

Effective 09/27/1999

Date:

Changes: Update Section V, Address and Format

Title: Manager, Regulatory Affairs

Supercedes: 02/10/1998

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