

MATERIAL SAFETY DATA SHEET

PRODUCT NAME:
New Generation 40 (Parts A & B)

New Generation 40 (Parts A & B) is a combination package of 2 products.

New Generation 40 (Part A)
New Generation 40 (Part B)

MANUFACTURER:
SPARTAN CHEMICAL COMPANY, INC.
1110 SPARTAN DRIVE
MAUMEE OH 43537

PRODUCT/TECHNICAL INFORMATION: 1-(800)-537-8990

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES: Although preparer and owner have taken reasonable care in the preparation of this document, we extend no warranties and make no representation as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each user should make a determination as to the suitability of the information for their particular purpose(s). This MSDS is the most recent received from the product manufacturer or distributor.

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 A)

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.
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NFPA Ratings:		HMIS Ratings:	
Health:	2 - Moderate	Health:	2 - Moderate
Fire:	1- Slight	Fire:	1- Slight
Reactivity:	0 - Minimal	Reactivity:	0 - Minimal
		Pers. Prot. Equip.:	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.

Chemical Name(s)	% W	CAS Registry No.	Table Z- 1 - A			NTP, IARC or OSHA Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Bishpenol-A based epoxy	35-40	68334-76-9	Not Established	Not Established	Not Established	No
*2-Propoxyethanol	11	2807-30-9	Not Established	Not Established	Not Established	No
Aromatic solvent	01-10	64742-94-5	100 ppm	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:	<1.3 mm Hg @ 75°F
Vapor Density (AIR = 1):	Unknown	Solubility in Water:	Complete
pH:	8.5-9.5	Specific Gravity (H ₂ O=1):	1.04
Evaporation Rate (but.ace. =1):	<1	Percent Solid by Weight:	40-45
Physical State:	Liquid	Volatile Organic Compounds:	310 g/L (ACM), When combined with Part B: 320 g/L
Appearance & Odor:	White, creamy emulsion; slight solvent odor		

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point:	>200°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 eye and skin irritation. Harmful if swallowed. May cause respiratory irritation. Avoid contact with eyes and skin. 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:	Strong acids; bases; amines and mercaptans can cause polymerization
Hazardous Decomposition Products:	Fumes produced when heated to decomposition may include: Carbon monoxide and carbon dioxide.	Hazardous Polymerization:	Will Not Occur

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.
Waste Disposal Method:	Incinerate or use biological treatment in accordance with Federal, state and local regulations. This material is not defined as hazardous waste under current RCRA 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 A)

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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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.
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NFPA Ratings:		HMIS Ratings:	
Health:	2 - Moderate	Health:	2 - Moderate
Fire:	1- Slight	Fire:	1- Slight
Reactivity:	0 - Minimal	Reactivity:	0 - Minimal
		Pers. Prot. Equip.:	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, IARC or
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Chemical Name(s)	% W	CAS Registry No.	TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	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 ₂ 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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