Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Section 1: Identification

Product Name Carbomer 980 NF
Commercial Name Polyacrylic acid
Product Use Cream, Lotion, Ointment
Restrictions On Use None identified

Product Code 30-5255

Company
PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: CFR 1910.1200 Not classified; Combustible dust

Signal Word WARNING

Hazard Statement(s) MAY FORM COMBUSTIBLE DUST CONCENTRATIONS IN AIR.

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention Prevent dust accumulation to minimize explosion hazard. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment.

Response N/A

Storage N/A

Disposal N/A

Section 3: Composition/Information on Ingredients

Substance/Mixture The components are not hazardous or are below required disclosure limits
Components N/A
% By Weight N/A
CAS# N/A
Molecular Weight N/A
Chemical Formula N/A
Synonym(s) N/A

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50

Section 4: First-Aid Measures

Inhalation If breathing is labored, administer oxygen. If breathing has stopped, apply artificial respiration. If irritation persists or if toxic symptoms are observed, get medical attention. Remove exposed person to fresh air if adverse effects are observed.

Skin Contact Wash with soap and water. If skin irritation occurs, get medical attention

Eye Contact Water (moisture) swells this product into a gelatinous film which may be difficult to remove from the eye using only water. Immediately flush eyes with plenty of one percent (1%) physiological saline solution for five (5) minutes while holding eyelids open. If no saline is available, flush with plenty of clean water for fifteen (15) minutes. See a physician. Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses.

Ingestion Treat symptomatically. Get medical attention.

Symptoms/Effects

Acute See section 11.

Delayed See section 11.

Immediate Medical Attention

Treat symptomatically.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media

Use water spray, dry chemical or foam for extinction. CO2 may be ineffective on large fires.

Unsuitable Extinguishing Media

Not determined

Products of Combustion

ee section 10 for additional information.

Firefighters Special Equipment and Precautions

Avoid hose stream or any method which will create dust clouds. This material has been evaluated and is considered to be a risk for dust explosion. It is categorized as Dust Explosion Class ST1. Material can form an explosive organic dust air mixture. As with all organic dusts, fine particles suspended in air in critical proportions and in the presence of an ignition source may ignite and/or explode. Dust may be sensitive to ignition by electrostatic discharge, electrical arcs, sparks, welding torches, cigarettes, open flame, or other significant heat sources. This product has a high volume resistivity and a propensity to build up static electricity which may be discharged as a spark. A spark can be an ignition source for solvent vapor/air mixtures. As a precaution, implement standard safety measures for handling finely divided organic powders. If you add this product to a solvent, ensure appropriate safe handling practices such as provision for inerting flammable vapors. Take care to minimze airborne dust. Solid does not readily release flammable vapors. Recommend wearing self-contained breathing apparatus.

Section 6: Accidental Release Measures

Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations. Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent entry into sewers and waterways. Take precautions to avoid release to the environment. Pick up free solid for recycle and/or disposal. Sweep up and place in a clearly labeled container for chemical waste. Avoid dust formation. Use wet sweeping compound or water to avoid raising a dust. Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into closed container. Wash spill area with detergent. Material is slippery when wet. Prevent entry into sewers and waterways, dispose of in accordance with all federal, state and local environmental regulation

Section 7: Handling and Storage

Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid environmental contamination. Avoid conditions which create dust. Avoid breathing dust. Avoid contact with eyes and prolonged or repeated contact with skin. Ground container and transfer equipment to eliminate static electric sparks. Keep away from heat, sparks and open flame. Avoid drinking, tasting, swallowing or ingesting this product. Maximum Handling Temperature: Not determined. Conditions for safe storage, including any incompatibilities: Store in a dry, well-ventilated place. Keep containers closed when not in use. Store away from incompatible materials. See section 10 for incompatible materials. Maximum Storage Temperature: Not determined.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Occupational Exposure Limits None of the components have assigned exposure limits. Polyacrylic acid TWA 0.05 mg/m3
Engineering Controls	To prevent dust explosions employ bonding and grounding for operations capable of generating static electricity. Minimize dust generation and accumulation. Provide adequate ventilation.
Personal Protection	Eye/face protection: Use tight fitting goggles if dust is generated. Wear approved chemical safety glasses or goggles where eye exposure is reasonably probable Hand Protection: Use good industrial hygiene practices to avoid skin contact. If contact with the material may occur wear chemically protective gloves. Other: Long sleeve shirt is recommended. Respiratory Protection: Under normal use conditions, respirator is not usually required. Use appropriate respiratory protection if exposure to dust particles, mist or vapors is likely. Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require the use of a respirator Hygiene measures: Wash thoroughly after handling. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned

Section 9: Physical and Chemical Properties

Appearance	White powder
Odor	Slight acetic
Odor Threshold	No data available

Melting Point	No data available	**pH**	2.5 - 3 (1 %)
Freezing Point	N/A	**Vapor Pressure**	No data available
Boiling Point/Range	No data available	**Vapor Density**	No data available
Decomposition temperature	No data available	**Viscosity**	No data available
Partition Coefficient: n-octanol/water	No data available	**Evaporation Rate**	No data available
Flash Point	N/A	**Autoignition temperature**	Approximate 896 °F (480 °C)
Flammability	No data available	**Flammability or Explosive Limits:**	
		Lower	No data available
		Upper	No data available

Solubility(ies)	Material will swell in water
Other	Bulk density: < 0.24 g/ml 77 °F (25 °C) Dust explosion properties: 157 - 193 m.b_/s Minimum ignition energy: 50 - 100 mJ Minimum ignition temperature: Approximate 896 °F (480 °C) Percent Solid: > 98 % (Percent by Weight) Volume Resistivity: 4.70x 10+15 ohm-cm Percent volatile: < 2 %(Percent by Weight)

Section 10: Stability and Reactivity

Reactivity	No data available.
Chemical Stability	Material is stable under normal conditions.
Hazardous Polymerization	Will not occur
Conditions to Avoid	Static discharge. Moisture. Heat
Incompatible Materials	Strong bases. Alkalies. Bases
Hazardous Decomposition Products	Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, and other products of incomplete combustion.

Section 11: Toxicological Information

RTECS

Acute Toxicity

Skin Corrosion/Irritation

Classification: Not irritating (Read across); Rabbit. Remarks: Not classified as a primary skin irritant. Pre-existingskin conditions may be aggravated by prolonged or repeated exposure. Contact dermatitis may occur in sensitive individuals under extreme and unusual conditions of prolonged and repeated contact, such as high exposure accompanied by elevated temperature and occlusion by clothing. This effect may be the result of the product's hygroscopic properties, abrasion, or pH.

Serious Eye Damage/Irritation

Classification: Not irritating (Read across); Rabbit.

Respiratory or Skin Sensitization

Classification: Not irritating (Read across); Rabbit.Remarks: Not classified as a primary eye irritant. Remarks: Particles in the eyes may cause irritation and smarting

Germ Cell Mutagenicity

No data available

Carcinogenicity

No data available

Reproductive Toxicity
No data available

Routes of Entry
No data available.

Symptoms Related to Exposure
No data available

Potential Health Effects
No data available

Target Organ(s) A two-year inhalation study in rats exposed to a respirable, water absorbent sodium polyacrylate dust resulted in lur

Section 12: Ecological Information

Ecotoxicity
Ecotoxicity Fish No data available Aquatic Invertebrates No data available Toxicity to Aquatic Plants No data available Toxicity to soil dwelling organisms No data available Sediment Toxicity No data available Toxicity to Terrestrial Plants No data available Toxicity to Above-Ground Organisms No data available Toxicity to microorganisms No data available

Persistance and Degradability
No data available

Bioaccumulative Potential
No data available

Mobility in Soil
No data available

Other Adverse Effects
Harmful to aquatic life with long lasting effects.

Section 13: Disposal Considerations

Waste Disposal
Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Dispose of packaging or containers in accordance with local, regional, national and international regulations. Empty container contains product residue which may exhibit hazards of product. Contaminated Packaging: Container packaging may exhibit hazards

Disposal of Container
N/A

Other Considerations
N/A

Section 14: Transport Information

DOT Classification
Not regulated.

Section 15: Regulatory Information

Regulations

US Federal Regulations TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) None present or none present in regulated quantities. TSCA Section 5(a)2 Significant New Use Rule (SNURs) (40CFR 721, Subpt E) None present or none present in regulated quantities. ERCLA Hazardous Substance List (40 CFR 302.4) Chemical Identity CAS number Reportable quantity Cyclohexane 110-82-7 1000 lbs Ethyl acetate 141-78-6 5000 lbs Acrylic acid 79-10-7 5000 lbs Superfund amendments and reauthorization act of 1986 (SARA) SARA 311 Classifications Combustible dust SARA 302 Extremely Hazardous Substance None present or none present in regulated quantities. SARA 304 Emergency Release Notification None present or none present in regulated quantities. SARA 313 (TRI Reporting) None present or none present in regulated quantities. US State Regulations US. California Proposition 65 No ingredient requiring a warning under CA Prop 65. Inventory Status Australia (AIIC) All components are in compliance with chemical notification requirements in Australia. Canada (DSL/NDSL) All substances contained in this product are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List (DSL) or are exempt. China (IECSC) All components of this product are listed on the Inventory of Existing Chemical Substances in China. European Union (REACh) To obtain information on the REACH compliance status of this product, please e-mail REACH@SDSInquiries.com. Great Britain (UK REACH) To obtain information on the UK REACH compliance status of this product, please e-mail REACH@SDSInquiries.com. Japan (ENCS) All components are in compliance with the Chemical Substances Control Law of Japan. Korea (ECL) All components are in compliance in Korea. New Zealand (NZIoC) All components are in compliance with chemical notification requirements in New Zealand. Philippines (PICCS) All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969). Switzerland (SWISS) All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland. Taiwan (TCSCA) All components of this product are listed on the Taiwan inventory. Turkey (KKDIK) To obtain information on the KKDIK compliance status of this product, please e-mail REACH@SDSInquiries.com. United States (TSCA) All substances contained in this product are listed on the TSCA inventory or are exempt.

Other
N/A

Section 16: Other Information

N/A