





Abrasives

are used somewhere in just about every product manufactured. From automobiles to electronics, from natural and artificial wood products to precision optics, from industrial crystals to toothpaste.

Abrasives are the little known component that almost all manufacturing requires somewhere in the process.

FROM CHICKEN COOP TO GLOBAL LEADER



AT LEFT, MICRO ABRASIVES FOUNDERS NOAH NESIN, EDWARD ANDRESKI, AND ASHER NESIN LOOK OVER INCORPORATION PAPERS OUTSIDE THE CHICKEN COOP WHERE THE COMPANY WAS FOUNDED, 1957.

Founded in 1957 in a chicken coop

with three employees and one high quality buffing powder, Micro Abrasives' leading edge technology now services an international community of clients and customers. To this day, our dedication to consistently high product quality and superior customer service remains at the core of our hard-earned and highly regarded reputation.

We rapidly expanded and diversified our product line in the early 1960's as a result of Micro Abrasives' introduction of our Microgrit WCA's. These Water Classified Aluminas offered a distinctive approach to lapping in an industry that had not seen advances in 50 years. Our Microgrit WCA became the abrasive of choice for lapping command module windows in the United States' Mercury, Gemini and Apollo space projects.

Today we design, manufacture and sell 24 product lines of fine and ultra fine aluminum oxide, boron carbide, silicon carbide, and cerium oxide powders used in everything from toothpaste to cellular phones. As the number of applications for our product grows, so does our company. Production, warehouse and office space totaling over 140,000 square feet and supporting over 60 employees enables us to handle any size challenge.

Micro Abrasives became a world leader in the abrasives industry one satisfied customer at a time. Our commitment to superior quality is apparent in every step of product development as well as through each person in the company. As a registered ISO 9001: 2000 company, we subscribe to the philosophy that each company employee – from entry level to the most senior management – is responsible for quality control and customer satisfaction. ISO registration permits Micro Abrasives equal footing with the multinational Fortune 500 companies that sell products worldwide.



ASTRONAUT ABDARD GEMINI 9
JUNE, 1966

But that will never stop us from taking your business *personally*.

BY COMBINING THE BEST OF LONG ESTABLISHED BUSINESS PRACTICES WITH THE MOST EFFECTIVE NEW TECHNOLOGIES, MICRO ABRASIVES IS ABLE TO DELIVER THE BEST OF BOTH WORLDS TO OUR DISTRIBUTORS AND THEIR CUSTOMERS IN JAPAN, CHINA, SINGAPORE, HONG KONG, AUSTRALIA, EUROPE AND THE UNITED STATES. WE HAVE A WAREHOUSE IN CHINA WHERE PRODUCT IS LABELED "MADE IN WESTFIELD, MA USA". AMAZING FOR A COMPANY THAT BEGAN IN A CHICKEN COOP.

UNPRECEDENTED QUALITY CONTROL STANDARDS

The keys to Micro Abrasives' success in the highly specialized field of customized abrasives are uncompromising employees and unprecedented quality control standards.

All processes developed by Micro Abrasives have been engineered to ensure that uniform quality is maintained. Mechanization and labor saving devices are employed where practical, but only where their application is consistent with the production of the highest quality abrasive powders.

All products processed at Micro Abrasives are non-hazardous and are often recycled even though the product is inert and suitable for landfill. Many processes incorporate the abrasive into the end product. For example, when television or computer screens are produced, scrap glass and the abrasive used for polishing are recycled back into the glass furnace and are re-melted. In this application, our abrasive is 100% recycled.

Micro Abrasives Corporation is a manufacturing company with the wages and benefits that allow a person to buy a home and raise a family. We experience little turnover in staff except when an employee retires, often after working 30 or more years for our firm. We are appreciative that our greatest asset is our skilled workforce. These are the people who, over the past 45 years, have helped make Micro Abrasives Corporation a global industry leader.

MICRO ABRASIVES EMPLOYS THE LATEST TECHNOLOGY IN QUALITY CONTROL AND PRODUCT DEVELOPMENT. HERE, LAB TECHNICIAN MATT WENGERT OPERATES THE SYMPATEC HELIOS KF LASER DIFFRACTION PARTICLE SIZE ANALYZER, CAPABLE OF MEASURING PARTICLE SIZES FROM 0.1 TO 875 MICRONS. MEASUREMENTS OF WET OR DRY SAMPLES TAKE LESS THAN 5 SECONDS.



DEDICATED TO PRECISE SOLUTIONS

Micro Abrasives designs, manufactures and sells the highest quality abrasive powders in a variety of both standard and custom grades. We are dedicated to finding the precise solution for our customers and will research any challenge at no cost to our clients.

Our products are currently being used in the manufacturing of everyday products such as eyeglasses, toothpaste and cell phones as well as in television and computer screens, fibre optics, personal pagers, optical mirrors and lenses, counter tops, furniture laminates, and metal composites.

We are also setting the standard for abrasives products in the field of semiconductors, bonded abrasives, the construction industry, metal lapping, the aluminum industry, iron foundries, steel works and the stone working industry.

Micro Abrasives has a long tradition of utilizing new and promising technologies to remain at the forefront of the abrasive industry. New applications emerge every day providing us with the opportunity to continually raise product quality and expand customer support.



STANDARD, CUSTOM & SPECIAL GRADE ABRASIVES

Thanks to our highly specialized yet flexible equipment setup, Micro Abrasives is uniquely able to offer true customization in the preparation of special grade abrasives.

Types of **MICROGRIT** include: Aluminum Oxide, Cerium Oxide, Silicon Carbide, Boron Carbide, and Microlap Slurries.

Applications for **MICROGRIT** include: buffing compounds; lapping and polishing of ceramics, metal, minerals and crystals, precision optics, steel balls; friction powders; glass grinding; ophthalmic lens finishing and polishing; pressure blasting; quartz semiconductor lapping, cutting and polishing; stone finishing; and tumbling.





**MICRO
ABRASIVES
CORPORATION**

**SPECIALISTS IN
PRECISION ABRASIVES**

MICRO ABRASIVES CORPORATION
720 SOUTHAMPTON ROAD
POST OFFICE BOX 669
WESTFIELD, MASSACHUSETTS 01086-0669
UNITED STATES OF AMERICA

TOLL FREE 800-426-6046
TEL 413-562-3641
FAX 413-562-7409
EMAIL MICROABRASIVES@MICROGRIT.COM
WWW.MICROGRIT.COM

MICRO ABRASIVES EUROPE GMBH
SCHWERINER STRASSE 13
D-22844 NORDERSTEDT
GERMANY

TEL +49 (0) 40 52205867
FAX +49 (0) 40 52205869
EMAIL MICROGRIT@ADL.COM



MICRO ABRASIVES CORPORATION
WESTFIELD, MASSACHUSETTS, U.S.A.

**WAREHOUSES AND
DISTRIBUTORS WORLDWIDE**

NORTH AMERICA

CHICAGO, ILLINOIS, USA
MINNEAPOLIS, MINNESOTA, USA
CLEMMONS, NORTH CAROLINA, USA
HOUSTON, TEXAS, USA
LOS ANGELES, CALIFORNIA, USA
SAN JOSE, CALIFORNIA, USA
PORTLAND, OREGON, USA
HICKSVILLE, NEW YORK, USA
PHOENIX, ARIZONA, USA
TORONTO, ONTARIO, CANADA

SOUTH AMERICA

BUENOS AIRES, ARGENTINA

EUROPE

LONDON, UK
MALINO, ITALY
HENSTEDT, GERMANY

ASIA

OSAKA, JAPAN
SHANJHI, PRC (PEOPLES REPUBLIC OF CHINA)
HONG KONG
SINGAPORE
TAIPEI, TAIWAN
SEOUL, KOREA
BANGKOK, THAILAND

AFRICA

CAIRO, EGYPT

AUSTRALIA

MARAYONG, AUSTRALIA