

# MATERIAL SAFETY DATA SHEET

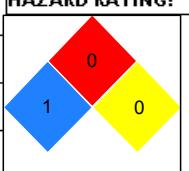
**FANDELI**  
COATED ABRASIVES

<b>IDENTITY</b> COATED ABRASIVES "SILICON CARBIDE"	<b>TRADE NAME</b> A-090
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## SECTION I (MATERIAL IDENTIFICATION)

<b>MANUFACTURER'S NAME</b> Fábrica Nacional de Lija, S.A de C.V.	<b>EMERGENCY TELEPHONE NUMBER</b> 011 525 6251403
<b>ADDRESS (Street, Number, Qty, State, ZIP Code)</b> Av. Presidente Juárez # 225 San Jerónimo Tepetlalcalco Tlalnepantla 54000 Estado de México MEXICO	<b>TELEPHONE &amp; FAX NUMBER FOR INFORMATION</b> 011 525 625 1400 fax 011 525 625 1499
	<b>REVISION DATE</b> April, 2002
	<b>PREPARED BY (Technical contact)</b> Alfredo Bañuelos or José Jiménez

## SECTION II (MATERIAL DESCRIPTION & HAZARD RATING)

<b>TECHNICAL DESCRIPTION:</b> Silicon Carbide coated on a paper backing and resin binder.	<b>HAZARD RATING:</b> 1, 0, 0	<b>NFPA CODE</b>
<b>CHEMICAL FAMILY</b> NA	 <p>Blue: Health hazard Red: Fire hazard Yellow: Reactivity hazard White: Special hazard</p>	<p>0: Minimum 1: Slight 2: Moderate 3: Serious 4: Extreme</p>
<b>CHEMICAL NAME/FORMULA</b> NA		
<b>SYNONYMOUS</b> NA		

## SECTION III (HAZARDOUS INGREDIENTS/IDENTITY INFORMATION)

HAZARDOUS COMPONENTS					
Chemical name	CAS No.	Common name (s)	Percent	OSHA - PEL (mg/m3)	ACGIH-TLV (mg/m3)
Silicon Carbide (SiC)	409 - 21 - 2	Silicon Carbide	16 - 45	150 (total dust)	100 (total dust)
Phenol-Formaldehyde resin "cured"	NONE	Phenolic Resin	7 - 30	-----	-----
Zinc Stearate (Zn(OOCCI7H35)2)	557 - 05 - 1	Zinc Stearate	4 - 10	150 (total dust)	100 (total dust)
Paper Backing	NONE	-----	25 - 70	-----	-----

**REMARKS**  
The above materials are not carcinogen.  
Materials are regulated by OSHA 29 CFR 1910.1200, Hazard Communication and/or The Massachusetts General Law, Chapter III, Right to know Regulations

## SECTION IV (PHYSICAL & CHEMICAL CHARACTERISTICS)

<b>BOILING POINT</b>	NA	<b>SOLUBILITY IN WATER</b>	NA	<b>SPECIFIC GRAVITY (H2O=1)</b>	NA
<b>VAPOR PRESSURE</b>	NA	<b>SOLUBILITY IN ALCOHOL</b>	NA	<b>MELTING POINT</b>	NA
<b>VAPOR DENSITY (Air= 1)</b>	NA	<b>SOLUBILITY IN OTHER SOLVENT</b>	NA	<b>% VOLATILE BY VOLUME</b>	NA
<b>APPEARANCE &amp; ODOR</b>	Cloth coated with abrasive particles which are bonded with resin binder.			<b>EVAPORATION RATE</b>	NA

## SECTION V (FIRE & EXPLOSION HAZARD DATA)

<b>FLASH POINT (Method used)</b> NA	<b>FLAMMABLE LIMITS</b>	<b>LEL</b> NA	<b>UEL</b> NA
<b>EXTINGUISHED MEDIA</b> Water, carbon dioxide, Dry chemical, Foam			
<b>SPECIAL FIRE FIGHTING PROCEDURES</b> Backings and cured resin will burn or decompose. Use respiratory protection.			
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS</b> NA			

## SECTION VI (REACTIVITY DATA)

<b>STABILITY</b>	UNSTABLE	X	<b>CONDITIONS TO AVOID</b>
	STABLE		NA
<b>INCOMPATIBILITY (Materials to Avoid)</b> In use organic fumes may be liberated.			
<b>HAZARDOUS DECOMPOSITION OR BY PRODUCTS</b>			

<b>HAZARDOUS POLYMERIZATION</b>	<b>MAY OCCUR</b>		<b>CONDITIONS TO AVOID</b> NA
	<b>WILL NOT OCCUR</b>	X	

**SECTION VII (HEALTH HAZARD DATA)**

<b>ROUTE (S) OF ENTRY</b> During use	<b>INHALATION</b> Airborne dusts or fumes.	<b>SKIN</b> Airborne dusts or fumes.	<b>INGESTION</b> Airborne dusts or fumes.
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**HEALTH HAZARDS (Acute & chronic)** ACUTE & CHRONIC: Breathing difficulty, skin, eye, nasal and respiratory irritation.

<b>CARCINOGENICITY</b>	<b>NTP</b> NA	<b>IARC MONOGRAPHS</b> NA	<b>OSHA REGULATED</b> NA
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**SIGNS & SYMPTOMS OF EXPOSURE** Deposits or material on skin, in eyes and nasal passages. Coughing and/or breathing difficulties may be present.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE** Pulmonary disorders, skin or eye disorders.

**EMERGENCY & FIRST AID PROCEDURES**  
Remove to dust free area. Irrigate eyes and/or skin with copious amounts of water.  
SEEK MEDICAL ATTENTION.

**SECTION VIII (PRECAUTIONS FOR SAFE HANDLING & USE)**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**  
Ordinary precautions for dust and particulates.

**WASTE DISPOSAL METHOD**  
In compliance with Federal, State and local regulations for landfill.

**PRECAUTIONS TO BE TAKEN IN HANDLING & STORING**  
Not applicable

**OTHER PRECAUTIONS**  
Not applicable

**SECTION IX (CONTROL MEASURES)**

**RESPIRATORY PROTECTION (Specify type)** If limits are exceeded during sanding or grinding an approved NIOSH respirator must be used. OSHA 29 CFR 1910 - 134

<b>VENTILATION</b>	<b>LOCAL EXHAUST</b> Must be used to control exposure to dust or fumes.	<b>SPECIAL</b>	NA
	<b>MECHANICAL (General)</b> Hoods connected to exhaust ducts and appropriate dust collector.		

<b>PROTECTIVE GLOVES</b> abrasion and/or skin irritation.	Wear gloves to prevent	<b>EYE PROTECTION</b>	Wear safety glasses while sanding or grinding. OSHA 29 CFR 1910 .133
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**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**  
Hearing protection OSHA 29 CFR 1910 .215

**WORK/HYGIENIC PRACTICES**  
Ordinary washing and cleanliness practices.

ABREVIATIONS: NA = NOT APPLICABLE

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