

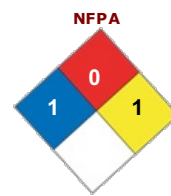
076607003560	NORTON 00356 9" X 11" 150C ALL PURPOSE BULK SANDPAPER PK 1/25
076607003584	NORTON 00358 9" X 11" 100C ALL PURPOSE BULK SANDPAPER PK 1/25
076607003607	NORTON 00360 9" X 11" 50D ALL PURPOSE BULK SANDPAPER PK 1/25
076607003652	NORTON 00365 9" X 11" ASST ALL PURPOSE BULK SANDPAPER 6EA 60-100-150 7EA-220 PK 1/25
076607011220	NORTON 01122 4-3/16" X 11-1/4" 220 GRIT VERY FINE DRYWALL SAND SCREEN PK 1/25
076607012081	NORTON 01208 4-3/16" X 11" 120D DRYWALL SHEET BULK PK 1/25
076607012098	NORTON 01209 4-3/16" X 11" 150D DRYWALL SHEET BULK PK 1/25
076607012241	NORTON 01224 9" X 11" 400A WET SANDING SANDPAPER PK 1/25
076607015792	NORTON 01579 9" X 11" 220A WOOD SANDING BULK PK 1/25
076607015808	NORTON 01580 9" X 11" 180A WOOD SANDING BULK PK 1/25
076607015815	NORTON 01581 9" X 11" 150A WOOD SANDING BULK PK 1/25
076607015822	NORTON 01582 9" X 11" 120C WOOD SANDING BULK PK 1/25
076607015846	NORTON 01584 9" X 11" 80C WOOD SANDING BULK PK 1/25
076607018281	NORTON 01828 9" X 11" 220A ALL PURPOSE BULK PK 1/25
076607018304	NORTON 01830 9" X 11" 150C ALL PURPOSE BULK PK 1/25
076607018311	NORTON 01831 9" X 11" 120C ALL PURPOSE BULK PK 1/25
076607018328	NORTON 01832 9" X 11" 100C ALL PURPOSE BULK PK 1/25
076607018342	NORTON 01834 9" X 11" 60D ALL PURPOSE BULK PK 1/25
076607023025	NORTON 02302 4-3/16" X 11" 100 GRIT MED DRYWALL SANDING SCREENS PK 1/25
076607023032	NORTON 02303 4-3/16" X 11-1/4" 80 GRIT COARSE DRYWALL SANDING SCREENS PK 1/25
076607026323	NORTON 02632 9" X 11" 400 GRIT 3X HIGH PERFORMANCE SHEETS PK 1/20
076607026330	NORTON 02633 9" X 11" 320 GRIT 3X HIGH PERFORMANCE SHEETS PK 1/20
076607026361	NORTON 02636 9" X 11" 220 GRIT 3X HIGH PERFORMANCE SHEETS PK 1/20
076607026378	NORTON 02637 9" X 11" 180 GRIT 3X HIGH PERFORMANCE SHEETS PK 1/20
076607026385	NORTON 02638 9" X 11" 150 GRIT 3X HIGH PERFORMANCE SHEETS PK 1/20
076607026392	NORTON 02639 9" X 11" 120 GRIT 3X HIGH PERFORMANCE SHEETS PK 1/20
076607026408	NORTON 02640 9" X 11" 100 GRIT 3X HIGH PERFORMANCE SHEETS PK 1/20
076607026415	NORTON 02641 9" X 11" 80 GRIT 3X HIGH PERFORMANCE SHEETS PK 1/20
076607026422	NORTON 02642 9" X 11" 60 GRIT 3X HIGH PERFORMANCE SHEETS PK 1/20
076607032195	NORTON 03219 5" X 5-8 VAC HOLE P180 GRIT FINE 3X HOOK & SAND DISCS PK 1/10
076607032232	NORTON 03223 5" X 5-8 VAC HOLE P80 GRIT COARSE 3X HOOK & SAND DISCS PK 1/10
076607032249	NORTON 03224 5" X 5-8 VAC HOLE P60 GRIT COARSE 3X HOOK & SAND DISCS PK 1/10
076607040336	NORTON 04033 5" X 5-8 VAC HOLE P80 GRIT COARSE 3X HOOK & SAND DISCS PK 1/50
076607047465	NORTON 04746 4-3/16" X 11" 100C DRYWALL SHEET BULK PK 1/25
076607047472	NORTON 04747 4-3/16" X 11" 80D DRYWALL SHEET BULK PK 1/25
076607047489	NORTON 04748 4-3/16" X 11" 150X DRYWALL SCREEN BULK PK 1/10
076607047496	NORTON 04749 4-3/16" X 11" 120X DRYWALL SCREEN BULK PK 1/10
076607047526	NORTON 04752 4-3/16" X 11" 150 FINE DRYWALL SANDING SCREEN PK 1/25
076607055057	NORTON 05505 9" X 11" 100A GRIT GARNET JOB PACK PK 1/25
076607492180	NORTON 49218 5" X 8 VAC HOLE P220 HOOK & LOOP DISCS PK 1/25
076607492197	NORTON 49219 5" W / 8 VAC HOLES P180 HOOK & LOOP DISCS PK 1/25
076607492203	NORTON 49220 5" X 8 VAC HOLE P150 HOOK & LOOP DISCS PK 1/25
076607492210	NORTON 49221 5" X 8 VAC HOLE P120 HOOK & LOOP DISCS PK 1/25
076607492227	NORTON 49222 5" X 8 VAC HOLE P100 GRIT HOOK & LOOP DISCS PK 1/25
076607492234	NORTON 49223 P80 5" X 8 VAC HOLE HOOK & LOOP DISCS PK 1/25
076607492241	NORTON 49224 5" X 8 VAC HOLE P60 GRIT HOOK & LOOP DISCS
076607492326	NORTON 49232 5" X NH P220 STICK & SAND DISCS PK 1/50
076607492364	NORTON 49236 5" X NH P100 STICK & SAND DISCS PK 1/50

076607492388	NORTON 49238 P80 5" X NH STICK & SAND DISCS PK 1/50
076607492395	NORTON 49239 5"NH P150 STICK & SAND DISCS PK 1/50 ROLL
662611498227	NORTON 49822 5" X NH P320C DISCS ROLL PK 1/100
662611498289	NORTON 49828 5" X NH P120C SANDPAPER DISC ROLLS PK 1/100
662611498296	NORTON 49829 P100C 5" ADALOX PAPER STICK AND SAND DISCS PK 1/100
662611498302	NORTON 49830 5" BULK SANDPAPER DISC ROLLS PK 1/100
662611498371	NORTON 49837 6" X NH P220C GRIT STICK & SAND NO FIL DISCS PK 1/100
662611498388	NORTON 49838 6" X NH P180C GRIT STICK & SAND DISCS ROLL PK 1/100
662611498401	NORTON 49840 6" X NH P120C GRIT STICK & SAND DISCS ROLL PK 1/100
662611498418	NORTON 49841 6" X NH P100C GRIT STICK & SAND DISCS ROLL PK 1/100
662611498425	NORTON 49842 6" X NH P80C GRIT STICK & SAND NO FIL DISCS PK 1/100



SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: Coated Abrasive
MSDS Manufacturer Number: CA_All
Manufacturer Name: Saint-Gobain Abrasives, Inc.
Address: 1 New Bond Street
 Worcester, MA 01615
General Phone Number: 508-795-5000
Emergency Phone Number: 508-795-5000
Website: www.Nortonabrasives.com
MSDS Creation Date: August 15, 2009
MSDS Revision Date: December 07, 2011



HMIS	
Health Hazard	1
Fire Hazard	0
Reactivity	0
Personal Protection	X

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent	EC Num.
Paraffin waxes and hydrocarbon waxes	8002-74-2	1 - 5 by weight	232-315-6
Urea-formaldehyde polymer	9011-05-6	10 - 30 by weight	
Sulfates/Sulfides	No Data	5 - 10 by weight	
Aluminum Oxide, Non-fibrous	1344-28-1	10 - 30 by weight	215-691-6
Paper - Processed Cellulose	9004-34-6	10 - 30 by weight	232-674-9

SECTION 3 - HAZARDS IDENTIFICATION

Potential Health Effects:

Eye: Dust may cause slight irritation.
Skin: Dust from this product may cause temporary mechanical irritation.
Inhalation: Dusts from this product may cause mechanical irritation of the nose, throat and respiratory tract.
Ingestion: Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal irritation and disturbances.
Chronic Health Effects: Chronic health effects are not expected as long as good hygiene and proper safety precautions are practiced.

Urea-formaldehyde polymer

Chronic Health Effects: For products containing Urea/Formaldehyde resin, dust generated from intended use may contain trace amounts of formaldehyde which under excessive exposure may cause skin sensitization and airway obstruction.

SECTION 4 - FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get medical attention, if irritation or symptoms of overexposure persists.
Skin Contact: Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
Inhalation: If dust from cutting or drilling is inhaled, remove the affected person to fresh air. If symptoms persist, get medical attention.
Ingestion: Accidental ingestion of this material is unlikely. If this does occur, watch

person for several days to make sure intestinal blockage does not occur. If symptoms persist, call a physician.

Note to Physicians: No information available.

SECTION 5 - FIRE FIGHTING MEASURES

Flammable Properties: Non Flammable.

Flash Point: Does not apply.

Auto Ignition Temperature: Not determined.

Lower Flammable/Explosive Limit: Not available.

Upper Flammable/Explosive Limit: Not available.

Extinguishing Media: Use any extinguishing media appropriate for the surrounding fires.

Unsuitable Media: None.

Protective Equipment: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA Ratings:

NFPA Health: 1

NFPA Flammability: 0

NFPA Reactivity: 1

NFPA Other:

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Methods for containment: Containment of this material should not be necessary.

Methods for cleanup: Shovel or sweep up for re-use or disposal. Avoid creating dusty conditions. Evaluate residue to determine if it is a hazardous waste by characteristic. Dispose of in accordance with Local, State, Federal and Provincial regulations.

SECTION 7 - HANDLING and STORAGE

Handling: Handle with adequate ventilation for nuisance dust.

Storage: No special storage conditions required.

Hygiene Practices: Wear suitable gloves and eye/face protection.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

Engineering Controls: General dilution ventilation and/or local exhaust ventilation should be provided as necessary to maintain exposures below occupational exposure limits.

Eye/Face Protection: Always WEAR SAFETY GLASSES or some type of eye protection when grinding.

Skin Protection Description: Protective gloves.
Long sleeved shirt and long pants.

Respiratory Protection: When workers are facing airborne particulate/dust concentrations above the exposure limit they must use appropriate certified respirators. A properly fitted NIOSH approved disposable N 95 type dust respirator or better is recommended.

Other Protective: Use of this product may create elevated sound levels. Hearing protection should be worn where required (see OSHA 29 CFR 1910.134 and other applicable regulations).

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Avoid getting dust into boots and gloves through wrist bands and pant tucks.

EXPOSURE GUIDELINES

Ingredient	Guideline OSHA	Guideline NIOSH	Guideline ACGIH	Quebec Canada	Ontario Canada
Paraffin waxes and hydrocarbon waxes			TLV-TWA: 2 mg/m3	VEMP-TWA: 2 mg/m3	
Aluminum Oxide, Non-fibrous	PEL-TWA: 5 mg/m3 Respirable fraction (R) PEL-TWA: 15 mg/m3 Total particulate/dust (T)		TLV-TWA: 10 mg/m3	VEMP-TWA: 10 mg/m3 Total particulate/dust (T)	OEL-TWAEV: 10 mg/m3 Total particulate/dust (T)

Paper - Processed Cellulose	PEL-TWA: 15 mg/m3 Total particulate/dust (T) PEL-TWA: 5 mg/m3 Respirable fraction (R)	REL-TWA: 10 mg/m3 Total particulate/dust (T) REL-TWA: 5 mg/m3 Respirable fraction (R)	TLV-TWA: 10 mg/m3	VEMP-TWA: 10 ppm Total particulate/dust (T)	OEL-TWAEV: 10 mg/m3 Total particulate/dust (T)
Ingredient	Alberta Canada	Mexico	British Columbia Canada		
Paraffin waxes and hydrocarbon waxes		LMPE-PPT: 2 mg/m3 LMPE-CT: 6 mg/m3	OEL-TWA: 2 mg/m3		
Aluminum Oxide, Non-fibrous	OEL-TWA: 10 mg/m3	MPE-PPT: 0.1 mg/m3 Respirable fraction (R)	OEL-TWA: 3 mg/m3 Respirable fraction (R) OEL-TWA: 10 mg/m3 OEL-TWA: 10 mg/m3 Total particulate/dust (T) OEL-STEL: 20 mg/m3 Total particulate/dust (T)		
Paper - Processed Cellulose	OEL-TWA: 10 mg/m3	LMPE-PPT: 10 mg/m3 LMPE-CT: 20 mg/m3	OEL-TWA: 3 mg/m3 Respirable fraction (R) OEL-TWA: 10 mg/m3 Total particulate/dust (T)		

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance:	Solid article.
Odor:	Odorless
Flash Point:	Does not apply.
Auto Ignition Temperature:	Not determined.

SECTION 10 - STABILITY and REACTIVITY

Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	Hazardous polymerization does not occur.
Conditions to Avoid:	Keep away from heat, sparks, or open flame.
Special Decomposition Products:	In use, dust and decomposing odors may be generated. In most cases, the material removed from the workplace will be significantly greater than the sandpaper components. Coolants may produce other decomposition products. Thermal decomposition may produce trace amounts of ammonia and formaldehyde.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity:	This product has not been tested for its toxicity.
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Aluminum Oxide, Non-fibrous :

ACGIH:	A4 Not Classifiable as a Human Carcinogen
NIOSH:	No Data
OSHA:	No Data
IARC:	No Data
NTP:	No Data

Paraffin waxes and hydrocarbon waxes :

RTECS Number:	RV0350000
Eye:	Eye - Rabbit Standard Draize test.: 100 mg/24H (RTECS)
Skin:	Administration onto the skin - Rabbit Standard Draize test.: 500 mg/24H (RTECS)

Urea-formaldehyde polymer :

RTECS Number:	YU1610000
Eye:	Eye - Rabbit Standard Draize test.: 100 uL/24H [severe] (RTECS)
Skin:	Administration onto the skin - Rabbit Standard Draize test.: 500 mg/24H [severe] Administration onto the skin - Rat LD50 : >2100 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)
Inhalation:	Inhalation - Rat LC50 : >167 mg/m3/4H [Details of toxic effects not

reported other than lethal dose value] (RTECS)

Ingestion: Oral - Rat LD50 : 8394 mg/kg [Details of toxic effects not reported other than lethal dose value]
 Oral - Mouse LD50 : 6361 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

Aluminum Oxide, Non-fibrous :

RTECS Number: BD1200000

Inhalation: Inhalation - Rat TCLo: 200 mg/m3/5H/28W (Intermittent) [Lungs, Thorax, or Respiration - Structural or functional change in trachea or bronchi; Lungs, Thorax, or Respiration - Chronic pulmonary edema; Related to Chronic Data - death] (RTECS)

Paper - Processed Cellulose :

RTECS Number: FJ5691460

Inhalation: Inhalation - Rat LC50: >5800 mg/m3/4H [Details of toxic effects not reported other than lethal dose value] (RTECS)

Ingestion: Oral - Rat LD50: >5 gm/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: No ecotoxicity data was found for the product.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal: Use standard landfill methods consistent with applicable Federal, State, Provincial and local laws.

SECTION 14 - TRANSPORT INFORMATION

DOT Shipping Name: Not regulated as hazardous material for transportation.

DOT UN Number: Not regulated as hazardous material for transportation.

IATA Shipping Name: Not regulated as hazardous material for transportation.

Canadian Shipping Name: This product is Not Regulated under the Transportation of Dangerous Goods Act. (CAN)

SECTION 15 - REGULATORY INFORMATION

Inventory Status

	EINECS Number	Canada DSL	TSCA Inventory Status		
Paraffin waxes and hydrocarbon waxes		Listed	Listed		
Urea-formaldehyde polymer		Listed	Listed		
Aluminum Oxide, Non-fibrous		Listed	Listed		
Paper - Processed Cellulose	232-674-9	Listed	Listed		

Paraffin waxes and hydrocarbon waxes :

EC Number: 232-315-6

Aluminum Oxide, Non-fibrous :

EC Number: 215-691-6

Paper - Processed Cellulose :

EC Number: 232-674-9

State Right To Know

	RI	MN	IL	PA	MA
Paraffin waxes and hydrocarbon waxes				Listed	Listed
Aluminum Oxide, Non-fibrous	Listed	Listed	No Data	Listed	Listed
Paper - Processed Cellulose				Listed	Listed

	NJ				
Aluminum Oxide, Non-fibrous	Listed: NJ Hazardous List; Substance Number: 2891				

SECTION 16 - ADDITIONAL INFORMATION

HMIS Health Hazard: 1
HMIS Fire Hazard: 0
HMIS Reactivity: 0
HMIS Personal Protection: X
MSDS Creation Date: August 15, 2009
MSDS Revision Date: December 07, 2011

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