



View (M)SDS Section : [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#)

## SECTION 1 : PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Extra-Cut Advanced Polishing System**  
Product Code: 97116  
MSDS Manufacturer Number: 97116  
Manufacturer Name: Saint-Gobain Abrasives, Inc.  
Address: 1 New Bond Street  
Worcester, MA 01615  
Website: www.Nortonabrasives.com  
General Phone Number: 508-795-5000  
Emergency Phone Number: 508-795-5000  
MSDS Creation Date: October 29, 2010  
MSDS Revision Date: July 01, 2013

HMIS	
Health Hazard	
Fire Hazard	
Reactivity	
Personal Protection	1

## SECTION 2 : COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent	EC Num.
Petroleum Distillates hydrotre	64742-47-8	10 - 15 by weight	
Hydrotreated Middle Distillate	64742-46-7	2 - 6 by weight	
Aluminum oxide	1344-28-1	30 - 60 by weight	215-691-6
Glycerin	56-81-5	1 - 5 by weight	200-289-5

## SECTION 3 : HAZARDS IDENTIFICATION

Emergency Overview: WARNING! Potential Sensitizer. Irritant.

Route of Exposure: Eyes. Skin. Inhalation. Ingestion.

Potential Health Effects:

Eye: Can cause moderate irritation, burning sensation, tearing, redness, and swelling. Overexposure may cause lacrimation, conjunctivitis, corneal damage and permanent injury..

Skin: Can cause skin irritation; itching, redness, rashes, hives, burning, and swelling. Allergic reactions are possible.  
May cause skin sensitization, an allergic reaction, which becomes evident on reexposure to this material.

Inhalation: Respiratory tract irritant. High concentration may cause dizziness, headache, and anesthetic effects. May cause respiratory sensitization with asthma-like symptoms in susceptible individuals.

Ingestion: Causes irritation, a burning sensation of the mouth, throat and gastrointestinal tract and abdominal pain.

## SECTION 4 : FIRST AID MEASURES

<b>Eye Contact:</b>	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 immediate medical attention.
<b>Skin Contact:</b>	Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.
<b>Inhalation:</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
<b>Ingestion:</b>	If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

## SECTION 5 : FIRE FIGHTING MEASURES

<b>Flash Point:</b>	>212°F (100°C)
<b>Auto Ignition Temperature:</b>	Not determined.
<b>Lower Flammable/Explosive Limit:</b>	Not determined.
<b>Upper Flammable/Explosive Limit:</b>	Not determined.
<b>Fire Fighting Instructions:</b>	Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water.
<b>Extinguishing Media:</b>	Use carbon dioxide (CO <sub>2</sub> ) or dry chemical when fighting fires involving this material.
<b>Unsuitable Media:</b>	Water or foam may cause frothing.
<b>Protective Equipment:</b>	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

<b>Personnel Precautions:</b>	Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.
<b>Environmental Precautions:</b>	Avoid runoff into storm sewers, ditches, and waterways.
<b>Spill Cleanup Measures:</b>	Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section. After removal, flush spill area with soap and water to remove trace residue. Avoid personal contact and breathing vapors or mists. Ventilate area. Use proper personal protective equipment as listed in section 8.
<b>Other Precautions:</b>	Pump or shovel to storage/salvage vessels.

## SECTION 7 : HANDLING and STORAGE

<b>Handling:</b>	Use with adequate ventilation. Avoid breathing vapor, aerosol or mist.
<b>Storage:</b>	Store between 15 - 25 Deg C in a cool, dry, well ventilated area away from sources of heat and incompatible materials. Keep container tightly closed when not in use.
<b>Special Handling Procedures:</b>	Provide appropriate ventilation/respiratory protection against decomposition products (see Section 10) during welding/flame cutting operations and to protect against dust during sanding/grinding of cured product.
<b>Hygiene Practices:</b>	Wash thoroughly after handling.

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## SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

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<b>Engineering Controls:</b>	Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.
<b>Eye/Face Protection:</b>	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.
<b>Skin Protection Description:</b>	Wear appropriate protective gloves and other protective apparel to prevent skin contact. Consult manufacturer's data for permeability data.
<b>Respiratory Protection:</b>	A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
<b>Other Protective:</b>	Facilities storing or utilizing this material should be equipped with an eyewash and a deluge shower safety station.

### EXPOSURE GUIDELINES

#### Petroleum Distillates hydrotre :

Guideline ACGIH: TLV-TWA: 200 mg/m<sup>3</sup> (Negligible aerosol exposures)

#### Aluminum oxide :

Guideline ACGIH: TLV-TWA: 10 mg/m<sup>3</sup>

Guideline OSHA: PEL-TWA: 5 mg/m<sup>3</sup> Respirable fraction (R)  
PEL-TWA: 15 mg/m<sup>3</sup> Total particulate/dust (T)

#### Glycerin :

Guideline ACGIH: TLV-TWA: 10 mg/m<sup>3</sup>

Guideline OSHA: PEL-TWA: 15 mg/m<sup>3</sup> Total particulate/dust (T)  
PEL-TWA: 5 mg/m<sup>3</sup> Respirable fraction (R)

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## SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

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<b>Physical State Appearance:</b>	Fluid Paste.
<b>Color:</b>	White/Black
<b>Odor:</b>	Peach.
<b>Boiling Point:</b>	Not determined.
<b>Melting Point:</b>	Not determined.
<b>Specific Gravity:</b>	1.45 kg/L
<b>Solubility:</b>	Not determined.
<b>Vapor Density:</b>	Not determined.
<b>pH:</b>	Neutral
<b>Viscosity:</b>	> 1500 mm <sup>2</sup> /s
<b>Flash Point:</b>	>212°F (100°C)
<b>Auto Ignition Temperature:</b>	Not determined.
<b>VOC Content:</b>	1.85 lbs/gal, 222 g/L 15.31% by weight

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## SECTION 10 : STABILITY and REACTIVITY

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Chemical Stability:	Stable under normal temperatures and pressures.
Hazardous Polymerization:	Not reported.
Conditions to Avoid:	Extreme heat, sparks, and open flame. Incompatible materials, oxidizers and oxidizing conditions.
Incompatible Materials:	Oxidizers, acids, and chlorinated organic compounds. Reactive metals (e.g. sodium, calcium, zinc). Sodium/calcium hypochlorite. Nitrous acid/ oxide, nitrites. Peroxides. Materials reactive with hydroxyl compounds.

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## SECTION 11 : TOXICOLOGICAL INFORMATION

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### Petroleum Distillates hydrotre :

RTECS Number: OA5504000

### Aluminum oxide :

RTECS Number: BD1200000

Inhalation: Inhalation - Rat TCLo: 200 mg/m<sup>3</sup>/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)

### Glycerin :

RTECS Number: MA8050000

Eye: Eye - Rabbit Standard Draize test. : 126 mg  
Eye - Rabbit Standard Draize test. : 500 mg/24H (RTECS)

Skin: Administration onto the skin - Rabbit LD50: >10 gm/kg [Details of toxic effects not reported other than lethal dose value] Administration onto the skin - rabbit Standard Draize test.: 500 mg/24H (RTECS)

Inhalation: Inhalation - Rat LC50: >570 mg/m<sup>3</sup>/1H [Details of toxic effects not reported other than lethal dose value] (RTECS)

Ingestion: Ingestion - Rat LD50: 12600 mg/kg [Behavioral - General anesthetic; Behavioral - Muscle weakness; Liver - Other changes]  
Ingestion - Mouse LD50: 4090 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

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## SECTION 12 : ECOLOGICAL INFORMATION

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Ecotoxicity: No ecotoxicity data was found for the product.

Environmental Fate: No environmental information found for this product.

Notes : Consumer Product Category: Automotive Rubbing or Polishing Compounds; VOC formulation limit 17%

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## SECTION 13 : DISPOSAL CONSIDERATIONS

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Waste Disposal: Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.

RCRA Number: None.

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## SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name: Non regulated.

DOT UN Number: Non regulated.

IATA Shipping Name: Non regulated.

IATA UN Number: Non regulated.

## SECTION 15 : REGULATORY INFORMATION

Canada WHMIS: WHMIS Hazard Class(es): D2B  
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.

### Petroleum Distillates hydrotre :

TSCA Inventory Status: Listed

Canada DSL: Listed

### Aluminum oxide :

TSCA Inventory Status: Listed

Canada DSL: Listed

EC Number: 215-691-6

### Glycerin :

TSCA Inventory Status: Listed

State Regulations: Listed in the New Jersey State Right to Know List.  
Listed in the State of Massachusetts Hazardous Substance List.  
Listed in the Pennsylvania State Hazardous Substances List.

Canada DSL: Listed

EC Number: 200-289-5

## SECTION 16 : ADDITIONAL INFORMATION

MSDS Creation Date: October 29, 2010

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