

SHEET 0741150

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Safety Data Sheet

Date of Issue: 12/08/14 | Revision Date: | Revision Number: 5.18

Imperial Supplies Part Number: 0741150

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Solid

Product Name: 3M Abrasive Products, 734U P80-P180, 735U P80C-P220C, Clean Sanding,
Purple Abrasive, Imperial, Stikit, Hookit, Hookit II, Discs, Disc Rolls

CAS No:

Synonyms:

1.2. Intended Use of the Product

Use of the substance/mixture: Abrasive Product

1.3. Name, Address, and Telephone of the Responsible Party

Company:

3M

Abrasive Systems Division

3M Center, St. Paul, MN 55144-1000,

USA

Phone: 1-888-3M HELPS (1-888-364-3577)

1.4. Emergency Telephone Number

Emergency | 1-800-364-3577 or (651) 737-6501 (24 hours)

number |

SECTION 2: HAZARDS IDENTIFICATION

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2.1. Classification of the Substance or Mixture
Classification (GHS-US)

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|
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2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)					
Signal Word (GHS-US)	Not applicable.				
Hazard Statements (GHS-US)					
Precautionary Statements (GHS-US)					

2.3. Other Hazards

Other Hazards Not Contributing to the Classification: None.

2.4. Unknown Acute Toxicity (GHS-US)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Name	Product identifier	%	Classification
			(GHS-US)

Full text of H-phrases: See Section 16

3.2. Mixture

Name	Product identifier	%	Classification
			(GHS-US)
Ceramic Aluminum Oxide /	1344-28-1	10 - 50	
Aluminum Oxide Mineral Blend			
(non-fibrous)			
Filler	37244-96-5	0 - 15	
Antiloadng Agent	1592-23-0	1 - 10	
Titanium Dioxide	13463-67-7	0.1 -	
		1.5	
Cured Resin	Mixture	15 - 35	
Paper Backing	Mixture	2 - 50	
Hookit Backing	Mixture	0 - 10	
PSA Backing	Mixture	0 - 10	

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

First-aid Measures General:

First-aid Measures After Inhalation: Remove person to fresh air. If you feel unwell, get medical attention.

First-aid Measures After Skin Contact: Wash with soap and water. If signs/symptoms develop, get medical attention.

First-aid Measures After Eye Contact: Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

First-aid Measures After Ingestion: No need for first aid is anticipated.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/Injuries: See Section 11.1. Information on toxicological effects.

Symptoms/Injuries After Inhalation:

Symptoms/Injuries After Skin Contact:

Symptoms/Injuries After Eye Contact:

Symptoms/Injuries After Ingestion:

Chronic Symptoms:

4.3. Indication of Any Immediate Medical Attention and Special Treatment

Needed

Not applicable

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

Unsuitable Extinguishing Media:

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: None inherent in this product.

Explosion Hazard:

Substance	Condition
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Carbon monoxide	During Combustion
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Carbon dioxide	During Combustion
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Reactivity:

5.3. Advice for Firefighters

Precautionary Measures Fire:

Firefighting Instructions: No special protective actions for fire-fighters are anticipated.

Protection During Firefighting:

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Observe precautions from other sections.

6.1.1. For Non-emergency Personnel

Protective Equipment:

Emergency Procedures:

6.1.2. For Emergency Responders

Protective Equipment:

Emergency Procedures:

6.2. Environmental Precautions

Not applicable.

6.3. Methods and Material for Containment and Cleaning Up

For Containment:

Methods for Cleaning Up: Not applicable.

6.4. Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: For industrial or professional use only. Do not use in a confined area with minimal air exchange. Avoid breathing of dust created by sanding, grinding or machining. Damaged product can break apart during use and cause serious injury to face or eyes. Check product for damage such as cracks or nicks prior to use. Replace if damaged. Always wear eye and face protection when working at sanding or grinding operations or when near such operations.

Combustible dust may form by action of this product on another material (substrate). Dust generated from the substrate during use of this product may be explosive if in sufficient concentration with an ignition source. Dust deposits should not be allowed to accumulate on surfaces because of the potential for secondary explosions.

Hygiene Measures:

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures:

Storage Conditions: No special storage requirements.

7.3. Specific End Use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Occupational exposure limits

If a component is disclosed in section 3 but does not appear in the table below,
an occupational exposure limit is not available for the component.

Ingredient

C.A.S. No.

Agency

Limit type

Additional Comments

Ceramic Aluminum Oxide / Aluminum Oxide Mineral Blend (non-fibrous)

1344-28-1

CMRG

TWA:1 fiber/cc

Aluminum, insoluble compounds

1344-28-1

ACGIH

TWA(respirable fraction):1 mg/m3

A4: Not class. as human

carcin

Ceramic Aluminum Oxide / Aluminum Oxide Mineral Blend (non-fibrous)

1344-28-1

OSHA

TWA(as total dust):15 mg/m³;TWA
(respirable fraction):5 mg/m³

Titanium Dioxide

13463-67-7

ACGIH

TWA:10 mg/m³

A4: Not class. as human
carcin

Titanium Dioxide

13463-67-7

CMRG

TWA(as respirable dust):5 mg/m³

Titanium Dioxide

13463-67-7

OSHA

TWA(as total dust):15 mg/m³

STEARATES

1592-23-0

ACGIH

TWA:10 mg/m³

A4: Not class. as human
carcin

Filler

37244-96-5

CMRG

TWA(respirable):5 mg/m³

8.2. Exposure Controls

Appropriate Engineering Controls	<p> Provide appropriate local exhaust ventilation for sanding, grinding or machining. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment. Provide local exhaust at process emission sources to control exposure near the source and to prevent the escape of dust into the work area. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).</p>
Personal Protective Equipment	
Materials for Protective Clothing	
Hand Protection	<p> Wear appropriate gloves to minimize risk of injury to skin from contact with dust or physical abrasion from grinding or sanding.</p>
Eye Protection	<p> To minimize the risk of injury to face and eyes, always wear eye and face protection when working at sanding or grinding operations or when near such operations. Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended: Safety Glasses with side shields</p>
Skin and Body Protection	<p> Wear appropriate gloves to minimize risk of injury to skin from contact with dust or physical abrasion from grinding or sanding.</p>
Respiratory Protection	<p> Assess exposure concentrations of all materials involved in the work process. Consider material being abraded when determining the appropriate respiratory protection. Select and use appropriate respirators to prevent inhalation overexposure. An</p>

|exposure assessment may be needed to decide if a
|respirator is required. If arespirator is needed,
|use respirators as part of a full respiratory
|protection program. Based on the results of the
|exposure assessment, select from the following
|respirator type(s) to reduce inhalation exposure:
|Half facepiece or full facepiece air-purifying
|respirator suitable for particulates For questions
|about suitability for a specific application,
|consult with your respirator manufacturer.

Thermal Hazard Protection |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	Solid
Appearance	
Odor	Solid Abrasive Product
Odor Threshold	Not Applicable
pH	Not Applicable
Relative Evaporation Rate	Not Applicable
(butylacetate=1)	
Melting Point	Not Applicable
Freezing Point	
Boiling Point	Not Applicable
Flash Point	Not Applicable
Auto-ignition Temperature	Not Applicable
Decomposition Temperature	Not Applicable
Flammability (solid, gas)	Not Classified
Vapor Pressure	Not Applicable
Relative Vapor Density at 20 °C	Not Applicable
Relative Density	
Specific Gravity	Not Applicable
Solubility	Solubility In Water Not Applicable
	Solubility- non-water Not Applicable
Partition coefficient:	Not Applicable
n-octanol/water	

Viscosity	Not Applicable
Lower Flammable Limit	Not Applicable
Upper Flammable Limit	Not Applicable

9.2. Other Information

Volatile Organic Compounds Not Applicable

Percent volatile Not Applicable

VOC Less H2O & Exempt Solvents Not Applicable

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

This material is considered to be non reactive under normal use conditions.

10.2 Chemical Stability

Stable.

10.3 Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

10.4 Conditions to Avoid

None known.

10.5 Incompatible Materials

None known.

10.6 Hazardous Decomposition Products

Substance	Condition
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None known.

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity:

Skin Corrosion/Irritation:

Serious Eye Damage/Irritation:

Respiratory or Skin Sensitization: For the component/components, either no data are currently available or the data are not sufficient for classification.

Germ Cell Mutagenicity:

Carcinogenicity:

Reproductive Toxicity: For the component/components, either no data are currently available or the data are not sufficient for classification.

Specific Target Organ Toxicity (Single Exposure): For the component/components, either no data are currently available or the data are not sufficient for classification.

Specific Target Organ Toxicity (Repeated Exposure):

Aspiration Hazard: For the component/components, either no data are currently available or the data are not sufficient for classification.

Symptoms/Injuries After Inhalation: Dust from grinding, sanding or machining may cause irritation of the respiratory system. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Symptoms/Injuries After Skin Contact: Mechanical Skin irritation: Signs/symptoms may include abrasion, redness, pain, and itching. Allergic Skin Reaction (non-photo induced) in sensitive people: Signs/symptoms may include redness, swelling, blistering, and itching.

Symptoms/Injuries After Eye Contact: Mechanical eye irritation: Signs/symptoms may include pain, redness, tearing and corneal abrasion. Dust created by grinding, sanding, or machining may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Symptoms/Injuries After Ingestion: No known health effects.

Chronic Symptoms:

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Please contact the address or phone number listed on the first page of the SDS for

additional ecotoxicological information on this material and/or its components.

12.2. Persistence and Degradability

12.3. Bioaccumulative Potential

12.4. Mobility in Soil

12.5. Other Adverse Effects

Chemical fate information: Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of contents/ container in accordance with the local/regional/national/international regulations. Prior to disposal, consult all applicable authorities and regulations to insure proper classification. The substrate that was abraded must be considered as a factor in the disposal method for this product. Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. If no other disposal options are available, waste product may be placed in a landfill properly designed for industrial waste.

Additional Information: EPA Hazardous Waste Number (RCRA): Not regulated

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT

Proper Shipping Name |Not regulated

Hazard Class | <PICTOGRAM PHRASE>

Identification Number		
Label Codes		
ERG Number		

14.2 In Accordance with IMDG

Proper Shipping Name |Not regulated

Hazard Class |

Identification Number|

Label Codes |<PICTOGRAM PHRASE>

ntification Of The |

Substance/m |

EmS-No. (Fire) |

EmS-No. (Spillage) |

14.3 In Accordance with IATA

Proper Shipping Name |Not regulated

Identification Number|<PICTOGRAM PHRASE>

Hazard Class |

Label Codes |

ntification Of The |

Substance/m |

ERG Code (IATA) |

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

<COMPONENT>

Contact 3M for more information.

SARA Section 311/312 Hazard Classes	Fire Hazard - No
	Pressure Hazard - No
	Reactivity Hazard - No
	Immediate Hazard - No
	Delayed Hazard - No

Toxic Substances Control Act (TSCA)	This product is an article as defined by TSCA
	regulations, and is exempt from TSCA
	Inventory listing requirements.

|Contact 3M for more information.

15.2 US State Regulations

<COMPONENT>

Contact 3M for more information.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date |
Other |This document has been prepared in accordance with the SDS
Information |requirements of the OSHA Hazard Communication Standard 29 CFR
|1910.1200.

GHS Full Text Phrases:

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