

PICK REQ: 0174427268

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS: 7S887

**This MSDS should be attached or kept with the respective product with which it is associated.**\*\*\*\*\*  
MATERIAL SAFETY DATA SHEET - 7S887

Coated Grainger Item: 2D792 - CROCUS CLOTH SHEET

MATERIAL SAFETY DATA SHEET  
2D795-2D797  
NORTON

7S887

NFPA HAZARD RATING  
Health Rating: 1  
Flammability Rating: 0  
Reactivity Rating: 0**SECTION I - NAME AND PRODUCT**MANUFACTURER'S NAME: NORTON COMPANY  
ADDRESS: P.O. BOX 808, TROY, NY 12180  
TRADE NAME, COMMON NAME OR SPECIFICATION:  
COATED ABRASIVE PRODUCT - EMERY K622  
CHEMICAL FAMILY OR PRODUCT TYPE: Emery & Glue Binder  
CONTACT: SAFETY DEPT.  
EMERGENCY TELEPHONE NO.: 518-266-2200  
APPROVED BY: J.J. McG.  
DATE: 2-1-91**SECTION II - COMPOSITION**

CHEMICAL NAME/Common Name (CAS #)	MAX REG.* % (Y/N)	OSHA PEL	ACGIH TLV	CARCINOGEN* (Y/N)
Aluminum Oxide [Al2O3]/ Alpha Alumina (1344-28-1)	36 Y	15mg/m3 (Total Dust)	10mg/m3	N
Iron Oxide/Ferric Oxide (001309371)	24 Y	10mg/m3	5mg/m3	N
Backing/Cloth (-)	30 N	-	-	N
Binder System/Mixture (-)	10 N	-	-	N

\*Materials are regulated by OSHA 29 CFR 1910.1200, Hazard Communication Standard, and/or the Massachusetts General Law Chapter 111F, Right To Know Regulations.

**SECTION III - PHYSICAL AND CHEMICAL DATA**BOILING POINT: N/A  
VAPOR PRESSURE: N/A  
EVAPORATION RATE: N/A  
MELTING POINT: N/A  
PERCENT VOLATILE BY VOL: N/A  
SOLUBILITY IN WATER: N/A  
SPECIFIC GRAVITY: N/A  
VAPOR DENSITY: N/A  
SOLUBILITY IN ALCOHOL: N/A  
SOLUBILITY IN OTHER SOLVENT: N/A  
APPEARANCE AND ODOR: Cloth Coated with Abrasive Material**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**FLASH POINT: N/A  
FLAMMABLE LIQUIDS USED: N/A  
FLAMMABLE LIMITS:  
LEL: N/A  
UEL: N/A  
EXTINGUISHING MEDIA: N/A  
SPECIAL FIRE FIGHTING PROCEDURES:  
Backings will burn or decompose, use respiratory protection.  
EXPLOSION POTENTIAL: N/A**SECTION V - HEALTH, FIRST AID AND MEDICAL DATA**PRIMARY ROUTES OF ENTRY:  
INHALATION (DURING USE):  
ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE:  
Acute (Dust)-May cause coughing, shortness of breath.  
Chronic (Dust)-May effect breathing capacity.  
FIRST AID AND MEDICAL INFORMATION:  
Remove to fresh air apply artificial respiration as needed. Obtain  
First Aid or Medical assistance.  
INGESTION:  
ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE:  
No known adverse effects, but ingestion not recommended.  
FIRST AID AND MEDICAL INFORMATION:  
Obtain First Aid or Medical assistance, if needed.  
SKIN (CONTACT & ABSORPTION):  
ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE:  
Not absorbed through skin; may cause abrasions.  
FIRST AID AND MEDICAL INFORMATION:  
Obtain First Aid or Medical assistance if needed.  
EYE:  
ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE:  
Dust may irritate eyes.  
FIRST-AID AND MEDICAL INFORMATION:  
Wash with large amounts of water. Obtain First Aid or Medical  
assistance, if needed.  
OTHER POTENTIAL HEALTH RISKS:  
ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE:  
During use on some materials elevated sound levels may be created  
which affect hearing.  
FIRST AID AND MEDICAL INFORMATION:  
Obtain medical assistance.**SECTION VI - CORROSIVITY AND REACTIVITY DATA**STABILITY: STABLE POLYMERIZATION: WILL NOT OCCUR  
INCOMPATIBILITY (MATERIALS TO AVOID): N/A  
DECOMPOSITION PRODUCTS:  
In use dust and decomposing resin system fumes are generated. In most  
cases, the material removed from the work piece will be significantly  
greater than the coated abrasive product components.  
CONDITIONS TO BE AVOIDED: N/A**SECTION VII - STORAGE, HANDLING AND USE PROCEDURES**STORAGE AND HANDLING:  
Handle with adequate ventilation. See OSHA CFR 1910.94 (Ventilation)  
and OSHA 29CFR1910.1000 (Air Contaminates)  
NORMAL USE:  
Handle with adequate ventilation. See OSHA CFR 1910.94 (Ventilation)  
and OSHA 29CFR1910.1000 (Air Contaminates), OSHA CFR1910.213(P)  
Sanding Machines and OSHA CFR1910.243(a) (3) Portable Belt Sanding**Machines**

STEPS TO BE TAKEN IN CASE OF LEAKS OR SPILLS:

Normal clean up procedures.

**WASTE DISPOSAL METHOD:**Standard landfill methods consistent with applicable to Federal, State  
and Local Laws.**SECTION VIII - PERSONAL PROTECTION INFORMATION**RESPIRATORY PROTECTION (SPECIFY TYPE): As needed, approved dust respirator  
OSHA 29CFR1910-134.**VENTILATION**

LOCAL: Recommended

MECHANICAL (GENERAL): Recommended

OTHER: NAIF

PROTECTIVE GLOVES: As desired by user

EYE PROTECTION: Recommend OSHA 29CFR1910.133 (Face &amp; Eye Protection)

OTHER EQUIPMENT: As needed, hearing protection-OSHA 29CFR1910.215 (Hearing  
Protection)

MEASURES TO BE TAKEN DURING REPAIR AND MAINTENANCE OF CONTAMINATED

EQUIPMENT THAT HAS BEEN IN CONTACT WITH THIS MATERIAL:

See Sections VI, VII, VIII

**SECTION IX - SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: N/A

OTHER PRECAUTIONS: N/A

**FOR COMPANY USE**The information and recommendations set forth herein are taken from  
sources believed to be accurate as of the date hereof; however, Norton  
Company makes no warranty with respect to the accuracy of the  
information or the suitability of the recommendations, and assumes no  
liability to any user thereof.

ITEM: 4LL30 - CLOTH SHEET COARSE GR

PICK\_REQ: 0174427268

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS: 7S887

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\*\*\*\*\* SAFETY DATA SHEET - 7S887 \*\*\*\*\*

Associated Grainger Item: 4LL30 - CLOTH SHEET COARSE GR

MATERIAL SAFETY DATA SHEET  
D795-2D797  
NORTON

7S887

HEALTH HAZARD RATING  
Health Rating: 1  
Flammability Rating: 0  
Reactivity Rating: 0

SECTION I - NAME AND PRODUCT

MANUFACTURER'S NAME: NORTON COMPANY  
ADDRESS: P.O. BOX 808, TROY, NY 12180  
TRADE NAME, COMMON NAME OR SPECIFICATION:  
DATED ABRASIVE PRODUCT - EMERY K622  
CHEMICAL FAMILY OR PRODUCT TYPE: Emery & Glue Binder  
CONTACT: SAFETY DEPT.  
EMERGENCY TELEPHONE NO.: 518-266-2200  
APPROVED BY: J.J. McG.  
DATE: 2-1-91

SECTION II - COMPOSITION

CHEMICAL NAME/COMMON NAME (CAS #)	MAX % (Y/N)	REG.* (Y/N)	OSHA PEL	ACGIH TLV	CARCINOGEN* (Y/N)
Aluminum Oxide [Al2O3]/ Alpha Alumina (1344-28-1)	36	Y	15mg/m3 (Total Dust)	10mg/m3	N
Iron Oxide/Ferric Oxide (001309371)	24	Y	10mg/m3	5mg/m3	N
Knocking/Cloth (-)	30	N	-	-	N
Under System/Mixture (-)	10	N	-	-	N

Materials are regulated by OSHA 29 CFR 1910.1200, Hazard Communication standard, and/or the Massachusetts General Law Chapter 111F, Right To Know regulations.

SECTION III - PHYSICAL AND CHEMICAL DATA

BOILING POINT: N/A  
VAPOR PRESSURE: N/A  
EVAPORATION RATE: N/A  
MELTING POINT: N/A  
PERCENT VOLATILE BY VOL: N/A  
SOLUBILITY IN WATER: N/A  
SPECIFIC GRAVITY: N/A  
VAPOR DENSITY: N/A  
SOLUBILITY IN ALCOHOL: N/A  
SOLUBILITY IN OTHER SOLVENT: N/A  
APPEARANCE AND ODOR: Cloth Coated with Abrasive Material

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A  
METHOD USED: N/A  
FLAMMABLE LIMITS:  
L: N/A  
U: N/A  
EXTINGUISHING MEDIA: N/A  
SPECIAL FIRE FIGHTING PROCEDURES:  
Knockings will burn or decompose, use respiratory protection.  
EXPLOSION POTENTIAL: N/A

SECTION V - HEALTH, FIRST AID AND MEDICAL DATA

PRIMARY ROUTES OF ENTRY:  
INHALATION (DURING USE):  
ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE:  
Dust - May cause coughing, shortness of breath.  
Chronic (Dust) - May effect breathing capacity.  
FIRST AID AND MEDICAL INFORMATION:  
Move to fresh air apply artificial respiration as needed. Obtain First Aid or Medical assistance.  
QUESTION:  
ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE:  
No known adverse effects, but ingestion not recommended.  
FIRST AID AND MEDICAL INFORMATION:  
Obtain First Aid or Medical assistance, if needed.  
IN (CONTACT & ABSORPTION):  
ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE:  
Not absorbed through skin; may cause abrasions.  
FIRST AID AND MEDICAL INFORMATION:  
Obtain First Aid or Medical assistance if needed.  
QUESTION:  
ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE:  
Dust may irritate eyes.  
FIRST AID AND MEDICAL INFORMATION:  
Rinse with large amounts of water. Obtain First Aid or Medical assistance, if needed.  
OTHER POTENTIAL HEALTH RISKS:  
ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE:  
Prolonged use on some materials elevated sound levels may be created which affect hearing.  
FIRST AID AND MEDICAL INFORMATION:  
Obtain medical assistance.

SECTION VI - CORROSIVITY AND REACTIVITY DATA

STABILITY: STABLE POLYMERIZATION: WILL NOT OCCUR  
COMPATIBILITY (MATERIALS TO AVOID): N/A  
COMPOSITION PRODUCTS:  
No dust and decomposing resin system fumes are generated. In most cases, the material removed from the work piece will be significantly less than the coated abrasive product components.  
MATERIALS TO BE AVOIDED: N/A

SECTION VII - STORAGE, HANDLING AND USE PROCEDURES

USUAL STORAGE AND HANDLING:  
Handle with adequate ventilation. See OSHA CFR 1910.94 (Ventilation) and OSHA 29CFR1910.1000 (Air Contaminates)  
USUAL USE:  
Handle with adequate ventilation. See OSHA CFR 1910.94 (Ventilation) and OSHA 29CFR1910.1000 (Air Contaminates), OSHA CFR1910.213 (P) and OSHA 29CFR1910.243(a) (3) Portable Belt Sanding Machines and OSHA CFR1910.243(a) (3) Portable Belt Sanding

Machines

STEPS TO BE TAKEN IN CASE OF LEAKS OR SPILLS:  
Normal clean up procedures.

WASTE DISPOSAL METHOD:  
Standard landfill methods consistent with applicable to Federal, State and Local Laws.

SECTION VIII - PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): As needed, approved dust respirator OSHA 29CFR1910-134.  
VENTILATION  
LOCAL: Recommended  
MECHANICAL (GENERAL): Recommended  
OTHER: NAIF  
PROTECTIVE GLOVES: As desired by user  
EYE PROTECTION: Recommend OSHA 29CFR1910.133 (Face & Eye Protection)  
OTHER EQUIPMENT: As needed, hearing protection-OSHA 29CFR1910.215 (Hearing Protection)  
MEASURES TO BE TAKEN DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT THAT HAS BEEN IN CONTACT WITH THIS MATERIAL:  
See Sections VI, VII, VIII

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: N/A  
OTHER PRECAUTIONS: N/A

FOR COMPANY USE

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