Issue Date: 10/15/2016

SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Name	Discs - Coated & Nonwoven, PSA, Stripping, Cleaning & Finishing, Hook & Loop, Plain
1.2 Product Use	For grinding and sanding of different kinds of materials. (Abrasives breakdown during use. OSHA classifies this as inert or nuisance dust.)
1.3 Manufacturer or Supplier Details	
Company	ARC Abrasives, Inc.
Address	2131 Corporate Drive, Troy OH 45373
Telephone	(937) 335-5607
Fax	(937) 339-4969
Web	www.arcabrasives.com

SECTION 2 - HAZARDS IDENTIFICATION

2.1 Classification	Not classified as hazardous according to OSHA Hazard communication Standard 29 CFR 1910.1200.
2.2 Hazards to Humans	N/A
2.3 Hazards to the Environment	N/A
2.4 Physical or Chemical Hazards	N/A

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Products vary in composition and are comprised of only some of the ingredients listed below

Chemical Name	Concentration	CAS No.
Aluminum Oxide	0-52	1344-28-1
Silicon Carbide	0-50	409-21-2
Limestone	0-25	1317-65-3
Garnet	0-30	12178-41-5
Zirconium Oxide	0-30	1314-23-4
Alumina Zirconia	0-30	68995-26-0
Barium Sulfate	0-50	7727-43-7
Zirconium Alumina	0-20	7440-67-7
Kaolin Clay	0-15	1332-58-7
Calcium Stearate	0-10	1592-23-0
Zinc Sulfate	0-10	557-05-1
Calcium Sulfate	0-5	7778-18-9
Potassium Fluorobonate	0-5	14075-53-7
Meg	0-5	107-21-1
Quartz Silica	.01-.025	14808-60-7
Sodium Aluminum	0-9	13775-53-6
Iron Oxide	0-5	1317-61-9
Iron Oxide	0-5	1309-37-1
Cryolite	0-10	N/A
Fluoride	0-15	N/A
Cured Resin*	0-40	N/A
Adhesive*	0-40	N/A
Filler*	0-15	N/A
Wax	0-30	N/A
Paper Backing	0-60	N/A

(*) Denotes mixture. The specific identity and/or exact concentration of any ingredient is withheld as a trade secret.

This product may contain a chemical known to the state of California to cause cancer and reproductive harm. For more information, go to www.P65Warnings.ca.gov

SECTION 4 - FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Remove to fresh air. Apply artificial respiration if necessary. Obtain medical assistance if needed.
Ingestion	If sanding dust is swallowed, seek medical attention.
Eye Contact	Flush eyes thouroughly with water. Seek medical assistance if irritation persists.
Skin Contact	No adverse effects by contact are known. Wash dust from skin with soap and water.

4.2 Most important symptoms and effects, both acute and delayed — Fibers/dust can cause eye and respiratory irritation. For additional respiratory information, see section 11.5.

4.3 Indication of any immediate medical attention and special treatment needed — Not relevant. Treat symptomatically.

SECTION 5 - FIRE FIGHTING METHODS

5.1 Suitable extinguishable media — Product is non-combustable. Use a firefighting agent such as water or foam, according to your environment.

5.2 Special hazards arising from substance or mixture — There are no inherent hazards associated with this product.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions — Use appropriate PPE when using this product.

6.2 Environmental precautions — Avoid release into the environment.

6.3 Methods for containment or cleanup — Clean up and dispose of with normal clean up procedures.

SECTION 7 - HANDLING AND STORAGE

7.1 Handling — Provide adequate ventilation. Avoid generation of dust. Avoid breathing the dust. Wear appropriate protective equipment. Refer to OSHA's substance specific standards for additional work practice requirements.

7.2 Storage — Store in a dry location.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Occupational exposure limits

"Component"	OSHA PEL	ACGIH TLV
Aluminum Oxide	15mg/m^3	10mg/m^3
Silicon Carbide	15mg/m^3	10mg/m^3
Limestone	15mg/m^3	10mg/m^3
Garnet	None established	None established
Zirconium Oxide	5mg/m^3	3mg/m^3
Alumina Zirconia	15mg/m^3	10mg/m^3
Barium Sulfate	5mg/m^3	3mg/m^3
Zirconium Alumina	15mg/m^3	10mg/m^3
Kaolin Clay	15mg/m^3	10mg/m^3
Calcium Stearate	None established	None established
Zinc Sulfate	10mg/m^3	5mg/m^3
Calcium Sulfate	15mg/m^3	10mg/m^3
Potassium Fluorobonate	2.5mg/m^3	2.5mg/m^3
Meg	None established	None established
Quartz Silica	0.050mg/m^3	0.025mg/m^3
Sodium Aluminum	2.5mg/m^3	2.5mg/m^3
Iron Oxide	10mg/m^3	5mg/m^3
Iron Oxide	15mg/m^3	5mg/m^3
Cryolite	2mg/m^3	2.5mg/m^3
Fluoride	None established	None established
Cured Resin	None established	None established

Cured Adhesive	None established	None established
Filler	None established	None established
Wax	None established	None established
Paper Backing	None established	None established

8.2 Personal protection requirements and referrals

Respiratory protection	As needed, use approved dust respiratory OSHA CRF 1910.134. Refer to Section 11.5 for additional respiratory/carcinogenetic information.
Hand protection	Wear appropriate gloves to minimize risk of injury to skin from contact with dust, or physical abrasion from grinding or sanding.
Eye protection	Ref. OSHA 29 CRF 1910.133 (Face and Eye Protection).
Hearing protection	As needed, Ref. OSHA 29 CRF 1910.125 (Hearing Protection).
Body protection	As needed.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance

Form	Solid
Color	Varies
Odor	No data available
Odor threshold	No data available
pH value	No data available
Melting/freezing point	No data available
Initial boiling point	No data available
Flash point/range	No data available
Evaporation rate	No data available
Flammability	No data available
Explosion limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Density	No data available
Solubility	No data available
Partition coefficient: n-octonal water	No data available
Auto-ignition temperature	No data available
Thermal decomposition	No data available
Additional information	No data available

SECTION 10 - STABILITY AND REACTIVITY

10.1 Reactivity	This product is not considered to be reactive under normal conditions.
10.2 Chemical stability	Stable.
10.3 Possibility of hazardous reaction	Not known.
10.4 Conditions to avoid	Not known.
10.5 Incombatible materials	Not known.
10.6 Hazardous decompositions/products	Not known.

Under normal usage, hazardous decomposition of products are not expected.

SECTION 11 - TOXILOGICAL INFORMATION

11.1 Inhalation
Dust from grinding, sanding, or machining may cause irritation of the respitory system. Signs or symptoms include cough, sneezzing, nasal discharge, headache, hoarseness, nose pain, and throat pain.

11.2 Eye contact
Corneal abrasion, pain, redness, and tearing may be signs or symptoms from mechanical eye irritation. Dust created by grinding, sanding, or machining can also cause eye irritation.

11.3 Skin contact
Mechanical skin irritation. Signs or symptoms include abrasion, redness, pain, and itching.

11.4 Ingestion
No known health effects.

11.5 Carcinogenicity

Ingredient	C.A.S. #	Class Description	Regulation
Quartz Silica	14808-60-7	Grp. 1: Carcinogenic to humans	International Agency for Research on Cancer
Quartz Silica	14808-60-7	Known human carcinogen	National Toxicology Program Carcinogens

Additional Information: This SDS is only covering ARC Abrasives products. For complete assessment, you must consider the material being abraded when determining the degree of hazard to decide if there is a need for respiratory protection. Select and use appropriate respirators to prevent inhalation overexposure.
This product contains a form of crystalline silica. Occupational exposure to inhaled crystalline silica has been associated with silicosis and lung cancer. During normal handling and use of this product, exposure to crystalline silica is not expected.

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Ecological information
It is not expected that this product is hazardous to the environment. Ecotoxicity data is not available for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste disposal method
Dispose of in accordance with all applicable local, state, and federal regulations. It is the responibility of the waste generator to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

SECTION 14 - TRANSPORT INFORMATION

14.1 Transportation information
This product is not regulated per the U.S. DOT, IATA, TDG,or IMO.

SECTION 15 - REGULATORY INFORMATION

15.1 Hazard categories
None

15.2 Safety, health and environmental regulations for the substance
This product is and article as defined by TSCA (EPA US) regulations, and is exempt from TSCA inventory listing requirements.

SECTION 16 - OTHER INFORMATION

16.1 Disclaimer/Statement of Liability
The information provided in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. This information, and the recommendations regarding the application and end use of this product, are given in good faith based on current knowledge and test data. ARC ABRASIVES makes no warranty with the respect to the accuracy of this information of the suitability of these recommendations, and assumes no liability to any user thereof. It is the users responsibility to determine if this product is fit for a particular purpose, and suitable for the user's method of use and/or application.

16.2 Date created
10/15/2016

16.3 Revision number
3

16.4 Revision date
8/21/2018