

ORDER NO: 1946409 RELEASE NO: 001 MSDS NO: MSDS274201

BARNES DISTRIBUTION
**** MATERIAL SAFETY DATA SHEET ****

BRITERITE SURFACE CONDITIONING DISCS

Part # MSDS274201

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: BRITERITE SURFACE CONDITIONING DISCS

Product CAS: (none)

Product Code:

Synonyms: 274201; 274301; 274401; 800001; 840381; -840381-10; 840382; -840382-10; 840383; -840383-10; 845511; 845512; 845514; BRITERITE SURFACE CONDITIONING DISCS

Company Identification:

Name: Standard Abrasives

Address: 4201 Guardian Street

Address:

City: Simi Valley State: CA Zip: 93063

For information, call: HEALTH ISSUES AND TECHNICAL INFORMATION (8AM-5PM ET): 1-216-416-7200 X 560

Emergency Number: ROCKY MOUNTAIN POISON CONTROL CENTER (24 HOURS EVERYDAY): 1-303-623-5716

Emergency Agency: CHEMTREC (24 HOURS EVERYDAY):

Number: 1-800-424-9300

MSDS Creation Date: 7/1/2002

Supersedes Date: 7/11/2000

**** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ****

Chemical Name	CAS	MIN	MAX
ALUMINUM OXIDE, NON-FIBROUS	1344-28-1	0	75
SILICON CARBIDE	409-21-2	0	75
NYLON FIBERS	(none)	5	30
CURED ADHESIVE RESIN	(none)	10	50

Miscellaneous:

HAZARDOUS INGREDIENTS

INGREDIENTS

ALUMINUM OXIDE, NON-FIBROUS* (CAS NUMBER: 1344-28-1**)

SILICON CARBIDE*

NYLON FIBERS (CAS NUMBER: NONE)

CURED ADHESIVE RESIN (CAS NUMBER: NONE)

*MATERIALS REGULATED BY OSHA 29 CFR 1910.1200 HAZARD COMMUNICATION STANDARD.

**THE EPA HAS DESIGNATED THAT NON-FIBROUS FORMS OF ALUMINUM OXIDE ARE NOT A TOXIC CHEMICAL UNDER SECTION 313 OF SARA.

NOTE: THE MANUFACTURER REGARDS THESE PRODUCTS AS "ARTICLE" AS DEFINED IN THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200.

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THE USE OF APPROVED RESPIRATORS, VENTILATION EQUIPMENT, FACE AND HAND PROTECTION IS RECOMMENDED FOR THE SAFE USE OF THESE PRODUCTS.

DEFINITION OF "ARTICLE" PER 29 CFR 1910.1200 7/1/88 EDITION: "ARTICLE" MEANS MANUFACTURED ITEM: (I) WHICH IS FORMED TO A SPECIFIC SHAPE OR DESIGN DURING MANUFACTURE; (II) WHICH HAS END USE FUNCTION(S) DEPENDENT IN WHOLE OR PART UPON ITS SHAPE OR DESIGN DURING END USE; AND (III) WHICH DOES NOT RELEASE, OR OTHERWISE RESULT IN EXPOSURE TO A HAZARDOUS CHEMICAL UNDER NORMAL CONDITIONS OF USE.

NOTE: SEE BELOW FOR EXPOSURE LIMIT DATA FOR THESE INGREDIENTS

EXPOSURE CONTROLS

INGREDIENT	OSHA PEL	ACGIH TLV	OTHER LIMITS
ALUMINUM OXIDE, NON-FIBROUS	15 MG/M3	10 MG/M3	N.E.
SILICON CARBIDE	15 MG/M3	10 MG/M3	N.E.
NYLON FIBERS	15 MG/M3	10 MG/M3	N.E.
CURED ADHESIVE RESINS	15 MG/M3	10 MG/M3	N.E.

Lbs of VOC per Gallon Coating (minus water): 0

Coating Density (lbs/gal): 0

Solvent Density (lbs/gal): 0

Percent Solvent (volume): 0

Percent Solids (volume): 0

Percent Water (volume): 0

**** SECTION 3 - HAZARDS IDENTIFICATION ****

NFPA: Health: Fire: Reactivity: Other:

HMIS: Health: Fire: Reactivity: Special Protection:

Miscellaneous:

APPEARANCE AND ODOR: DISC, ROLL OR WHEEL IMPREGNATED WITH AN ABRASIVE MATERIAL.

HMIS AND NFPA HAZARD RATINGS:

CATEGORY	HMIS	NFPA
ACUTE HEALTH	1	1
FLAMMABILITY	0	0
REACTIVITY	0	0
PERSONAL PROT./SPECIFIC HAZ.	*	N.D.

*SEE SECTION 8.

POTENTIAL HEALTH EFFECTS

Target Organs:

PRIMARY ROUTES OF EXPOSURE: INHALATION, INGESTION, SKIN CONTACT, EYES.

Eye:

ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE: DUST MAY IRRITATE EYES. OTHER

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POTENTIAL HEALTH RISKS: DURING USE ON SOME MATERIALS, ELEVATED SOUND LEVELS MAY BE CREATED WHICH AFFECT HEARING.

Skin:

ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE:
CONTACT & ABSORPTION: NOT ABSORBED THROUGH SKIN. MAY CAUSE ABRASIONS.

Ingestion:

ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE: (DUST) NO KNOWN ADVERSE EFFECTS, BUT INGESTION NOT RECOMMENDED.

Inhalation:

ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE:
(DURING USE): ACUTE - MAY CAUSE COUGHING (DUST), SHORTNESS OF BREATH.

CHRONIC: MAY AFFECT BREATHING CAPACITY.

Miscellaneous:

OTHER POTENTIAL HEALTH RISKS: OBTAIN MEDICAL ASSISTANCE.

**** SECTION 4 - FIRST AID MEASURES ****

Eye:

CONTACT: WASH WITH LARGE AMOUNTS OF WATER. OBTAIN MEDICAL ASSISTANCE IF NEEDED.

Skin:

CONTACT AND ABSORPTION: OBTAIN FIRST AID OR MEDICAL ASSISTANCE, IF NEEDED.

Ingestion:

OBTAIN FIRST AID OR MEDICAL ASSISTANCE, IF NEEDED.

Inhalation:

(DURING USE): REMOVE TO FRESH AIR. APPLY TO ARTIFICIAL RESPIRATION AS NEEDED. OBTAIN FIRST AID OR MEDICAL ASSISTANCE.

Notes to Physician:

**** SECTION 5 - FIRE FIGHTING MEASURES ****

Unusual Fire and Explosion Hazards:

EXPLOSION POTENTIAL: N.A.

Special Fire Fighting Procedures:

BACKINGS AND RESIN BINDER WILL BURN OR DECOMPOSE, USE RESPIRATORY PROTECTION.

FIRE FIGHTING PROCEDURES: BACKINGS AND CURED RESIN WILL BURN OR DECOMPOSE. USE RESPIRATORY PROTECTION.

Extinguishing Media:

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N.A.

Flash Point:
AND METHOD: N.A.

Flammable Limits:
Lower Limit:

Upper Limit:

AutoIgnition Temperature:

General Information:
FLAMMABILITY LIMITS (%): N.A.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

Disposal:
STANDARD LANDFILL METHODS CONSISTENT WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS.

Spills/Leaks:
NORMAL CLEANUP PROCEDURES.

**** SECTION 7 - HANDLING and STORAGE ****

Handling:
HANDLE WITH ADEQUATE VENTILATION. SEE OSHA 29 CFR 1910.94 (VENTILATION) AND OSHA 29 CFR 1910.100 (AIR CONTAMINANTS).

Storage:
HANDLE WITH ADEQUATE VENTILATION. SEE OSHA 29 CFR 1910.94 (VENTILATION) AND OSHA 29 CFR 1910.100 (AIR CONTAMINANTS). OSHA 29 CFR 1910.213(P) (SANDING MACHINES).

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls:
VENTILATION:
LOCAL: RECOMMENDED.
MECHANICAL: RECOMMENDED.
OTHER: NO APPLICABLE INFORMATION FOUND.

Eyes:
RECOMMENDED. OSHA 29 CFR 1910.133 (FACE AND EYE PROTECTION).

Skin:

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PROTECTIVE GLOVES AS DESIRED BY USER.

Clothing:

/OTHER PROTECTIVE EQUIPMENT: AS NEEDED, HEARING PROTECTION OSHA 29 CFR 1910.215 (HEARING PROTECTION).

Respirators:

AS NEEDED, APPROVED DUST RESPIRATOR OSHA 29 CFR 1910.134.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Appearance/Odor:

DISC, ROLL OR WHEEL IMPREGNATED WITH AN ABRASIVE MATERIAL.

pH:

Vapor Pressure: N.A.

Vapor Density: (AIR = 1): N.A.

Evaporation Rate: (BUAC = 1): N.A.

Viscosity: N.A.

Boiling Point: N.A.

Freezing/Melting Point: FREEZING POINT: N.A.

Decomposition Temperature:

Solubility: IN WATER: INSOLUBLE

Specific Gravity: 1

Molecular Formula:

Molecular Weight:

Miscellaneous:

SPECIFIC GRAVITY (WATER = 1): N.A.

% VOLATILE BY WT: N.A.

VOC (% BY WT.): N.A.

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability:

STABLE.

Conditions to Avoid:

STABILITY: NOT APPLICABLE.

POLYMERIZATION: N.A.

Incompatibilities with Other Materials:

NOT APPLICABLE.

Hazardous 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.

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Hazardous Polymerization:
WILL NOT OCCUR.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

Toxicological Information:

CARCINOGENICITY:

NTP:NA

IARC MONOGRAPHS: N.A.

OSHA REGULATED: N.A.

**** SECTION 12 - ECOLOGICAL INFORMATION ****

Ecological Information:

NO DATA AVAILABLE.

**** SECTION 13 - OTHER PRECAUTIONS ****

Other Precautions:

Work/Hygienic Practices:

**** SECTION 14 - TRANSPORT INFORMATION ****

Transportation Information:

DOT SHIPPING NAME: NONE

HAZARD CLASS OR DIVISION: NONE

CARTON MARKINGS: NONE

IDENTIFICATION NUMBER: NONE

PACKING GROUP: NONE

LABELS: NONE

Label Information:

**** SECTION 15 - REGULATORY INFORMATION ****

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Regulatory Information:
SEE SECTION 2.

TSCA STATUS: EACH INGREDIENT IS EITHER LISTED ON, OR IS EXEMPT FROM LISTING ON THE TSCA INVENTORY.

NSR STATUS (CANADA): NOT DETERMINED.

SARA TITLE III:

HAZARD CATEGORIES:
ACUTE HEALTH: YES
CHRONIC HEALTH: NO
FIRE HAZARD: NO
PRESSURE HAZARD: NO

REPORTABLE INGREDIENTS:
SECTION 313: NO

CERCLA RQ: N.A.

**** SECTION 16 - ADDITIONAL INFORMATION ****

Additional Information:
N.A. - NOT APPLICABLE N.D. - NOT DETERMINED N.E. - NOT ESTABLISHED

REVISION SUMMARY: PREPARED JULY 11, 2000.