ITEM: 1TMA5 - Duct Tape Cloth 17 Mil 2 In x 12 Y

MSDS: B6893 **ORDER: 0104656780** **LP NUMBER: U850817746**

MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

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MATERIAL SAFETY DATA SHEET - B6893

Associated Grainger Items
5REA3, 1TMA5, 1TMA6, 2KKF1, 16V093, 16V094

GORILLA(TM)

INCREDIBLY STRONG

100% TOUGH

MATERIALS SAFETY DATA SHEET

DATE REVISED: JANUARY 28, 2010

2ND EDITION

FOR CHEMICAL EMERGENCY:
DURING BUSINESS HOURS: (800) 966-3458
OUTSIDE BUSINESS HOURS: (800) 420-7186

1. IDENTIFICATION OF THE PRODUCT

PRODUCT NAME: GORILLA TAPE(R*)

USE/SIZE: POLYMER BASED PRESSURE SENSITIVE ADHESIVE

DISTRIBUTOR:
THE GORILLA GLUE COMPANY
4550 RED BANK EXPRESSWAY
CINCINNATI, OH 45227

TEL: (513) 271-3300

FAX: (513) 527-3742

2. HAZARDS IDENTIFICATION

NFPA RATINGS:
CODE FOR FLAMMABILITY 0
CODE FOR HEALTH 1
CODE FOR REACTIVITY 0
CODE FOR SPECIAL HAZARDS 0

HMIS RATINGS:
CODE FOR FLAMMABILITY 0
CODE FOR HEALTH 1
CODE FOR REACTIVITY 0
CODE FOR PERSONAL PROTECTION SEE SECTION 8

EU MAIN HAZARDS: NOT CLASSIFIED AS HAZARDOUS.

ROUTES OF ENTRY: INHALATION - SKIN CONTACT

CARCINOGENIC STATUS: SEE SECTION 11 FOR INFORMATION.

TARGET ORGANS: SKIN

HEALTH EFFECTS - EYES:
CONTACT MAY CAUSE IRRITATION DUE TO MECHANICAL ABRASION.

HEALTH EFFECTS - SKIN:
PROLONGED, REPEATED CONTACT WITH ADHESIVE MAY CAUSE SKIN IRRITATION.

HEALTH EFFECTS - INGESTION:
NOT AN EXPECTED ROUTE OF ENTRY DURING NORMAL HANDLING AND USE.

HEALTH EFFECTS - INHALATION:
PROLONGED, REPEATED INHALATION OF ADHESIVE MAY CAUSE DIZZINESS AND DROWSINESS.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT NAME	CAS#/CODES	CONCENTRATION	R PHRASES	CLASSIFICATION
SYNTHETIC POLYMERS	N.A.	<35%	NONE	NONE
NATURAL AND SYNTHETIC RUBBERS	N.A.	<13%	NONE	NONE
NATURAL AND SYNTHETIC FIBERS	N.A.	<10%	NONE	NONE
HYDROCARBON RESIN	N.A.	<18%	NONE	NONE
INORGANIC COMPOUND(S)	N.A.	<23%	NONE	NONE
TITANIUM DIOXIDE	13463-67-7 236-675-5	<1.5%	NONE	NONE
QUARTZ	14808-60-7	0.1 - 0.5%	NONE	NONE

4. FIRST AID MEASURES

EYES:
IMMEDIATELY FLOOD THE EYE WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, HOLDING THE EYE OPEN. OBTAIN MEDICAL ATTENTION IF SORENESS OR REDNESS PERSISTS.

SKIN:
WASH SKIN THOROUGHLY WITH SOAP AND WATER. OBTAIN MEDICAL ATTENTION IF BLISTERING OCCURS OR REDNESS PERSISTS.

INGESTION: OBTAIN MEDICAL ATTENTION IMMEDIATELY.

INHALATION:
REMOVE PERSON TO FRESH AIR. SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST.

ADVICE TO PHYSICIANS: TREAT SYMPTOMATICALLY.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: WATER SPRAY, CARBON DIOXIDE AND DRY CHEMICAL.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
CAN RELEASE HAZARDOUS VAPORS DURING A FIRE.

PROTECTIVE EQUIPMENT FOR FIRE-FIGHTING:
WEAR FULL PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS.

6. ACCIDENTAL RELEASE MEASURES

NO SPECIFIC MEASURES NECESSARY. PREVENT THE MATERIAL FROM ENTERING DRAINS OR WATERCOURSES.

7. HANDLING AND STORAGE

KEEP AWAY FROM HEAT AND SOURCES OF IGNITION. EXPOSURE TO HIGH HEAT OR FLAME CAN RELEASE IRRITATING AND TOXIC FUMES.

STORAGE AREA SHOULD BE:
COOL - DRY - WELL VENTILATED - AWAY FROM INCOMPATIBLE MATERIALS

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE STANDARDS:
EXPOSURE LIMITS ARE LISTED BELOW, IF THEY EXIST.

SYNTHETIC POLYMERS: NONE ESTABLISHED

NATURAL AND SYNTHETIC RUBBERS: NONE ESTABLISHED

NATURAL AND SYNTHETIC FIBERS: NONE ESTABLISHED

HYDROCARBON RESIN: NONE ESTABLISHED

QUARTZ:
ACGIH TLV FOR QUARTZ (SILICA-CRYSTALLINE) IS 0.025 MG/M3 MEASURED AS RESPIRABLE FRACTION OF THE AEROSOL

TITANIUM DIOXIDE:
ACGIH TLV: 10 MG/M3 TWA
OSHA PEL: 15 MG/M3 TWA, TOTAL DUST

ENGINEERING CONTROL MEASURES:
NO SPECIFIC MEASURES NECESSARY. GOOD GENERAL ROOM VENTILATION IS EXPECTED TO BE ADEQUATE TO CONTROL AIRBORNE LEVELS.

RESPIRATORY PROTECTION:
RESPIRATORY PROTECTION NOT NORMALLY REQUIRED.

HAND PROTECTION:
NOT REQUIRED UNDER NORMAL CONDITIONS OF USE. HOWEVER, CARE SHOULD BE TAKEN TO AVOID CONTACT WITH THE ADHESIVE.

EYE PROTECTION: SAFETY GLASSES

BODY PROTECTION: NORMAL WORK WEAR.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:
POLYMER AND COTTON BACKING WITH A POLYMER BASED PRESSURE SENSITIVE ADHESIVE

COLOR: BLACK BACKING WITH GRAY ADHESIVE

ODOR: SLIGHT

pH: NOT APPLICABLE

SPECIFIC GRAVITY: NO DATA AVAILABLE

BOILING RANGE/POINT (DEG. C/F): NOT APPLICABLE

MELTING POINT (DEG. C/F): NOT APPLICABLE

FLASH POINT (PMCC) (DEG. C/F): NOT KNOWN

EXPLOSION LIMITS (%): NO DATA AVAILABLE

VAPOR PRESSURE: NOT APPLICABLE

DENSITY: NO DATA.

SOLUBILITY IN WATER: NOT KNOWN

VAPOR DENSITY (AIR = 1): NOT APPLICABLE

10. STABILITY AND REACTIVITY

STABILITY: STABLE UNDER NORMAL CONDITIONS.

CONDITIONS TO AVOID: HEAT - HIGH TEMPERATURES

MATERIALS TO AVOID: ACIDS - BASES - STRONG OXIDIZERS

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

HAZARDOUS DECOMPOSITION PRODUCTS:
OXIDES OF CARBON - HYDROCARBONS - PARTIALLY OXIDIZED HYDROCARBONS - TRACES OF ALLYLALCOHOL AND FORMALDEHYDE - ALDEHYDES - ACROLEIN - WAXES -

OLIGOMERS - OXYGENATED HYDROCARBONS - OXIDES OF NITROGEN

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: LOW ORDER OF ACUTE TOXICITY.

SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE AND REPEAT):
NOT EXPECTED TO CAUSE ADVERSE HEALTH EFFECTS TO ORGAN SYSTEMS.

SERIOUS EYE DAMAGE/EYE IRRITATION:
MAY CAUSE IRRITATION DUE TO MECHANICAL ABRASION.

SKIN CORROSION/IRRITATION:
MAY CAUSE SLIGHT IRRITATION ON PROLONGED, REPEATED CONTACT.

RESPIRATORY OR SKIN SENSITIZATION:
NOT EXPECTED TO CAUSE SKIN OR RESPIRATORY SENSITIZATION.

CARCINOGENICITY:

FOR "INHALABLE" CRYSTALLINE SILICA (QUARTZ):
IARC OVERALL EVALUATION IS 1 (CARCINOGENIC TO HUMANS), THE QUARTZ IN THIS FORMULATION IS IN AN ADHESIVE MATRIX AND IS NOT EXPECTED TO BE "INHALABLE."

TITANIUM DIOXIDE:
IARC OVERALL EVALUATION IS 2B (POSSIBLY CARCINOGENIC TO HUMANS) IARC CONCLUSIONS ARE BASED ON EVIDENCE SHOWING THAT HIGH CONCENTRATIONS OF PIGMENT-GRADE (POWDERED) AND ULTRAFINE TITANIUM DIOXIDE DUST CAUSED RESPIRATORY TRACT CANCER IN RATS EXPOSED BY INHALATION AND INTRATRACHEAL INSTILLATION. HUMAN STUDIES CONDUCTED SO FAR DO NOT SUGGEST AN ASSOCIATION BETWEEN OCCUPATIONAL EXPOSURE TO TITANIUM DIOXIDE AND AN INCREASED RISK FOR CANCER. SINCE THIS PRODUCT IS AN ADHESIVE, THE TITANIUM DIOXIDE IS NO LONGER IN A DUST FORM.

GERM CELL MUTAGENICITY:
THIS PRODUCT IS NOT EXPECTED TO CAUSE ANY MUTAGENIC EFFECTS.

TOXICITY TO REPRODUCTION:
THIS PRODUCT IS NOT EXPECTED TO CAUSE ADVERSE REPRODUCTIVE EFFECTS.

12. ECOLOGICAL INFORMATION

MOBILITY: NO RELEVANT STUDIES IDENTIFIED.

PERSISTENCE/DEGRADABILITY: NO RELEVANT STUDIES IDENTIFIED.

BIO-ACCUMULATION: NO RELEVANT STUDIES IDENTIFIED.

ECOTOXICITY: THE PRODUCT MAY BE HARMFUL TO AQUATIC ORGANISMS.

13. DISPOSAL CONSIDERATIONS

DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL AND NATIONAL REGULATIONS.

14. TRANSPORT INFORMATION

DOT CFR 172.101 DATA: NOT REGULATED

UN PROPER SHIPPING NAME: NOT REGULATED

UN CLASS: NONE.

UN NUMBER: NONE.

UN PACKAGING GROUP: NONE.

CLASSIFICATION FOR AIR TRANSPORTATION (IATA):
CONSULT CURRENT IATA REGULATIONS PRIOR TO SHIPPING BY AIR

15. REGULATORY INFORMATION

EU LABEL INFORMATION:
CLASSIFICATION AND LABELLING HAVE BEEN PERFORMED ACCORDING TO EU DIRECTIVES 67/548/EEC AND 99/45/EC INCLUDING AMENDMENTS (2001/60/EC AND 2006/8/EC)

EC ANNEX I CLASSIFICATION:
ACCORDING TO EC COMMISSION DIRECTIVE 67/548/EEC THIS PRODUCT IS NOT CLASSIFIED.

R PHRASES: NONE.

S PHRASES: NONE.

US REGULATIONS (FEDERAL, STATE) AND INTERNATIONAL CHEMICAL REGISTRATION LAWS:

TSCA LISTING:
THIS PRODUCT CONTAINS INGREDIENTS THAT ARE LISTED ON OR EXEMPT FROM LISTING ON THE EPA TOXIC SUBSTANCE CONTROL ACT CHEMICAL INVENTORY.

EINECS LISTING:
ALL INGREDIENTS IN THIS PRODUCT HAVE NOT BEEN VERIFIED FOR INCLUSION ON THE EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS) OR SPECIFICALLY EXEMPTED.

DSL (CANADIAN) LISTING:
ALL INGREDIENTS IN THIS PRODUCT HAVE NOT BEEN VERIFIED FOR INCLUSION ON THE DOMESTIC SUBSTANCE LIST (DSL).

SARA TITLE III SECT. 311/312 CATEGORIZATION:
IMMEDIATE (ACUTE) DELAYED (CHRONIC)

SARA TITLE III SECT. 313:

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS THAT ARE LISTED IN SECTION 313 AT OR ABOVE DE MINIMIS CONCENTRATIONS: NONE

16. OTHER INFORMATION

ABBREVIATIONS:
N/A: DENOTES NO APPLICABLE INFORMATION FOUND OR AVAILABLE
CAS#: CHEMICAL ABSTRACTS SERVICE NUMBER
ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS
OSHA: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
TLV: THRESHOLD LIMIT VALUE
PEL: PERMISSIBLE EXPOSURE LIMIT
STEL: SHORT TERM EXPOSURE LIMIT
NTP: NATIONAL TOXICOLOGY PROGRAM
IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
R: RISK
S: SAFETY
LC50: LETHAL CONCENTRATION 50%
LD50: LETHAL DOSE 50%
BOD: BIOLOGICAL OXYGEN DEMAND
KOC: SOIL ORGANIC CARBON PARTITION COEFFICIENT

THE INFORMATION PRESENTED IN THIS MATERIAL SAFETY DATA SHEET WAS PREPARED BY QUALIFIED PERSONNEL AND TO THE BEST OF OUR KNOWLEDGE IS TRUE AND ACCURATE. THE INFORMATION AND RECOMMENDATIONS ARE FURNISHED FOR THIS PRODUCT WITH THE UNDERSTANDING THAT THE PURCHASER WILL INDEPENDENTLY DETERMINE THE SUITABILITY OF THE PRODUCT FOR THIS PURPOSE. THIS DATA DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, STATUTORY OR OTHERWISE, NOR IS IT REPRESENTATION FOR WHICH THE GORILLA GLUE COMPANY ASSUMES LEGAL RESPONSIBILITY. THE DATA IS SUBMITTED FOR THE USER'S INFORMATION AND CONSIDERATION ONLY. ANY USE OF THIS PRODUCT MUST BE DETERMINED BY THE USER TO BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, PROVINCIAL AND LOCAL LAWS AND REGULATIONS.