

WESTINGHOUSE ELECTRIC CORP, MICARTA DIV -- MICARTA GRADES -- 9330-00-478-6164
===== Product Identification =====

Product ID:MICARTA GRADES

MSDS Date:05/01/1996

FSC:9330

NIIN:00-478-6164

MSDS Number: CDXKF

=== Responsible Party ===

Company Name:WESTINGHOUSE ELECTRIC CORP, MICARTA DIV

Address:304 HOOVER ST

Box:248

City:HAMPTON

State:SC

ZIP:29924-1105

Country:US

Info Phone Num:803-943-2311

Emergency

Phone Num:803-943-7200

CAGE:76435

=== Contractor Identification ===

Company Name:INTERNATIONAL PAPER DECORATIVE PRODUCTS DIVISION

Address:304 HOOVER ST

Box:City:HAMPTON

State:SC

ZIP:29924-1105

Country:US

Phone:803-943-7200

CAGE:76435

===== Composition/Information on Ingredients =====

Ingred Name:ALPHA-ALUMINA (ALUMINUM OXIDE) (SARA 313)

CAS:1344-28-1

RTECS #:BD1200000

Fraction by Wt: 0-33%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 95

Ingred Name:DUST, NUISANCE
Other REC Limits:NONE RECOMMENDED

Ingred Name:FIBROUS GLASS DUST
Other REC Limits:NONE RECOMMENDED

Ingred Name:GLASS CLOTH/FABRIC
Other REC Limits:NONE RECOMMENDED

Ingred Name:EPOXY COMPOSITE
Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Haz

ards Acute and Chronic:EXPO FROM ROUTINE USE:DUST CAN CAUSE
IRRIT TO EYES/NOSE/THROAT/LUNGS/SKIN.

Explanation of Carcinogenicity:PER MSDS:GLASS CLOTH OR FILAMENT-EPOXY
COMPOSITE HAS NOT BEEN EVALUATED FOR CARCINOGENICITY.

Effects of Overexposure:PROLONGED EXPOSURE TO DUST MAY CAUSE IRRIT IN
EYES,NOSE,THROAT/OR MOUTH.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====

First Aid:EYE:FOR DUST RINSE I

MMED W/WATER.REMOVE CONTACT LENSES,THEN

FLUSH W/LG QUANTITIES OF WATER FOR @LEAST 15MINS.SEEK MED

ATTN.SKIN:ROUTINE SKIN CONTACT W/COMPOSITE OR COMPOSITE DUST IS

UNLIKELY TO CAUSE ANY HAZARD.INHAL:FOR DUST REMOVE TO FRESH

AIR.SEEK MED ATTN IF NECESSARY.INGEST:INGESTION OF COMPOSITE OR

COMPOSITE DUST IS UNLIKELY TO OCCUR IN INDUSTRIAL OR COMMERCIAL
USE.

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===== Fire Fighting Measures =====

Flash Point Method:PMCC

Flash Point:NONE

Autoigni

tion Temp:Autoignition Temp Text:NP

Lower Limits:NONE

Upper Limits:NONE

Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY AS SUITABLE FOR SURROUNDING MATLS.

Fire Fighting Procedures:USE PROTECTIVE GEAR WITH SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:HIGH DUST CONCEN FROM DRY FABRICATION MAY BE EXPLO IF MIXED W/AIR & IN PRESENCEN OF IGNITION SOURCE.

===== Accidental Release Measures =====

Spill Release Procedures:N

ONE-SOLID NON-HAZARDOUS MATERIAL.

===== Handling and Storage =====

Handling and Storage Precautions:AVOID DUST IN EYE/BLOWING DUST W/COMPRESSED AIR/PORL/REP BREATH OF DUST.AVOID OPEN FLAME/CONTACT W/OXIDIZ AGENTS.USE PROPER PERSONAL PROTECTION.

Other Precautions:NO SPECIAL HNDLG REQMTS.WHERE DUST IS STORED FOR DISPO,KEEP IN COOL AREA AWAY FROM HEAT/IGN SOURCES/OXIDIZING AGENTS.MAINTENANCE OF CONTAM EQPMT:KEEP OPN IGN SOURCES OUT OF AREAS W

HERE DUST GENERATED. ELECT GROUND/BOND ALL EQMPT USED (SUPPL)

===== Exposure Controls/Personal Protection =====

Respiratory Protection:WHERE SIGNIF EXPO TO NIUSANCE DUST POSSIBLE RESP SHOULD BE SELECTED BY/USED PER TRAIN HEALTH/SAF PROF IAW OSHA 29CFR1910.134/ANSI Z88.2-1992 REQMTS.IMPLEMENT TRAIN/WRITTEN RESP PROT PROGS/ETC.CONCEN B ELO TLV/PEL NIOSH APPROV DISPO (SUPPLE)

Ventilation:PROVIDE ADEQU GEN/LOC EXHAU VENTI-MAINTAIN AIRBORNE CONCEN BEL EXPO LIM

ITS/HEALTHFUL WORK CONDITIONS.ENCLS PROCESS(SUP)

Protective Gloves:NONE NEEDED.

Eye Protection:SAF GLASSES/GOGG IAW 29CFR1910.133.

Other Protective Equipment:NONE NEEDED.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

OTH PRECAUT:IN/AROUND PROCESSES INVOLVE DUST GENERATION(AVOIDS STATIC SPARKS). RESP:DUST/MIST RESP FOR PERSONAL COMFT.>TLV/PEL/10X LIMITS SEE ANSI STD.WARN:IR-PURIF RESP DONT PROTECT IN OXY DEF ATM. VENTI:WHERE POSSIBLE-PREVENT/M

IN DUST DISP INTO WORKAREA.

===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:NP

Melt/Freeze Pt:M.P/F.P Text:NP

Decomp Temp:Decomp Text:NP

Vapor Pres:NP

Vapor Density:NP

Spec Gravity:SOLID

pH:NA

Viscosity:NP

Evaporation Rate & Reference:NP

Solubility in Water:NONE.

Appearance and Odor:SOLID, GLASS FABRIC-BASED MATL.NO DISCERNIBLE
ODOR.MFG, NON-HAZ PRODUCT.

Percent Volatiles by Volume:NP

Corrosion Rate:NP

===== Stability and Rea
ctivity Data =====

Stability Indicator/Materials to Avoid:YES

OXIDIZERS, STRONG ACIDS & BASES.

Stability Condition to Avoid:AVOID HEATING ABOVE 450F.

Hazardous Decomposition Products:CO₂, CO, HCN, SIMILAR TO WOOD
PRODUCTS.

===== Disposal Considerations =====

Waste Disposal Methods:EPA:NA. NONE SPECIFIED BY MANUFACTURER.

HMIS:FOLLOW ALL APPLICABLE LOCAL, STATE AND FEDERAL
REGULATIONS/LAWS.

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