

GENERAL ELECTRIC -- LEXAN RESIN - PLASTIC SHEET  
MATERIAL SAFETY DATA SHEET  
NSN: 9330011318091  
Manufacturer's CAGE: 72799  
Part No. Indicator: A  
Part Number/Trade Name: LEXAN RESIN

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General Information  
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Item Name: PLASTIC SHEET  
Company's Name: GENERAL ELECTRIC CO, PLASTIC OPN/HDQS SHEET PROD.  
Company's Street: 1 PLASTICS AVE  
Company's City: PITTSFIELD  
Company's State: MA  
Company's Country: US  
Company's Zip Code: 01201-3630  
Company's Emerg Ph #: 812-831-7245/812-831-7444  
Company's Info Ph #: 800-845-0600  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 003  
Status: SE  
Date MSDS Prepared: 01JAN93  
Safety Data Review Date: 15FEB95  
Supply Item Manager: CX  
MSDS Preparer's Name: PRODUCT STEWARDSHIP  
Preparer's Company: GENERAL ELECTRIC  
MSDS Serial Number: BWLGF  
Specification Number: MIL-P-46144  
Spec Type, Grade, Class: 1CL,A GR,TY III  
Hazard Characteristic Code: N1  
Unit Of Issue: SH  
Unit Of Issue Container Qty: 96 IN LENGTH  
Type Of Container: SHEETS  
Net Unit Weight: UNKNOWN

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Ingredients/Identity Information  
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Proprietary: NO  
Ingredient: PRODUCT DOES NOT CONTAIN REPORTABLE HAZ INGRED AS DEFINED BY  
OSHA HAZ COMMUNICATION STD (29CFR1111910.1200).  
Ingredient Sequence Number: 01  
Percent: N/A  
NIOSH (RTECS) Number: 9999999ZZ  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO  
Ingredient: POLYMERS, HIGH MOLECULAR WEIGHT(PER MSDS PROD CONSISTS  
PIRMARILY OF THESE POLYMERS WHICH ARE NOT EXPECTED TO BE HAZ).  
Ingredient Sequence Number: 02  
NIOSH (RTECS) Number: 1000338PU  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO  
Ingredient: POLY(BISPHENOL-A CARBONATE  
Ingredient Sequence Number: 03  
NIOSH (RTECS) Number: 1004493CD  
CAS Number: 25971-63-5  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
Other Recommended Limit: NONE RECOMMENDED

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Physical/Chemical Characteristics  
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Appearance And Odor: SOLID, PLASTIC PELLET WITH SLIGHT ODOR.  
Boiling Point: N/A  
Melting Point: SUPPLEMENTL  
Vapor Pressure (MM Hg/70 F): NEGLIGIBLE  
Vapor Density (Air=1): N/A  
Specific Gravity: >1, H2O=1  
Evaporation Rate And Ref: NEGLIGIBLE  
Solubility In Water: INSOLUBLE  
Percent Volatiles By Volume: NEGLI  
Viscosity: N/A  
pH: N/A  
Autoignition Temperature: 1166F

## Fire and Explosion Hazard Data

Flash Point: NOT APPLICABLE  
 Lower Explosive Limit: N/A  
 Upper Explosive Limit: N/A  
 Extinguishing Media: WATERSPRAY & FOAM.WATER BEST EXT MEDIUM.CARBON DIOXIDE & DRY CHEM NOT GENERALLY RECOMMENDED-LACKS COOLING CAPACITY.  
 Special Fire Fighting Proc: APPROVED PRESS DEMAND BREATH APPARATUS & PROT CLOTH SHOULD BE USED FOR ALL FIRES.WATERSPRAY PREFERRED EXT MEDIUM. PROD WILL MELT-WON'T BE CARRIED ON WATER SURFAC  
 Unusual Fire And Expl Hazrds: REQUIRES A CONTINUOUS FLAME SOURCE TO IGNITE.SECONDARY OPERATIONS(GRINDING/SANDING/SAWING)MAY PRODUCE DUST EXPLO HAZ.

## Reactivity Data

Stability: YES  
 Cond To Avoid (Stability): DON'T EXCEED MELT TEMP.COLLECT PURGINGS IN SM FLAT SHAPE OR THIN STRANDS TO ALLOW FOR RAPID COOLING,QUENCH IN WATER.  
 Materials To Avoid: NONE SPECIFIED BY MFG.  
 Hazardous Decomp Products: HAZ COMBUST PROD MAY INCLUDE INTENSE HEAT, DENSE BLACK SMOKE, HYDROGEN FRAGMENTS, CO, CO2, PHENOL, ALKYLPHENOL, DIARYLCARBONATE  
 Conditions To Avoid (Poly): UNKNOWN

## Health Hazard Data

LD50-LC50 Mixture: LD50 ORAL RAT >5G/KG ESTIMATED.  
 Route Of Entry - Inhalation: NO  
 Route Of Entry - Skin: YES  
 Route Of Entry - Ingestion: YES  
 Health Haz Acute And Chronic: EYE:IRRIT/INJURY DUE TO MECH ACTION.MOLTEN UNLIKELY DUE TO PHYSICAL FORM.INGEST:NOT ACUTELY TOXIC.FUMES FROM MELTING PROCESSING MAY CAUSE EYE/SKIN/RESP TRACT IRRIT;SEVERE OVEREXPO NAU,HEAD.SEC OPERATIONS(GRINDING/SANDING/SAWING)CAN PROD DUST(SUPPLEMEN)  
 Carcinogenicity - NTP: NO  
 Carcinogenicity - IARC: NO  
 Carcinogenicity - OSHA: NO  
 Explanation Carcinogenicity: PER MSDS:NTP-NOT TESTED, OSHA-NOT REG, IARC-NOT LISTED.  
 Signs/Symptoms Of Overexp: EYE IRRIT OR INJURY. SEVERE BURNS. NAUSEA, HEADACHE.  
 Med Cond Aggravated By Exp: THERE'RE NO KNOWN HUMAN HEALTH EFFECTS AGGRAVATED BY EXPO TO PRODUCT.HOWEVER CERTAIN SENSITIVE INDIVIDUALS & INDIVIDUALS W/RESP IMPAIRMENTS MAY BE AFFECTED BY EXPO TO COMPONENTS IN PROCESSING FUMES.  
 Emergency/First Aid Proc: EYES:REMOVE CONTACT LENSES @ONCE.IMMED FLUSH WASH WELL W/SOAP/WATER.SEEK MED ATTN IF RASH/BURN OCCURS.INGEST:IF LG AMT INGESTED SEEK MED ATTN.INHAL:NOT LIKELY DUE TO PHYSICAL FORM.MOLTEN PLASTIC SKIN CONTACT COOL RAPIDLY W/WATER.IMMED SEEK MED ATTN.DO NOT ATTEMPT REMOVAL OF PLASTIC W/O MED ASSIST.DO NOT USE SOLVENT FOR REMOVA

## Precautions for Safe Handling and Use

Steps If Matl Released/Spill: SWEEP OR GATHER UP MATERIAL AND PLACE IN PROPER COTAINER FOR DISPOSAL OR RECOVERY.  
 Neutralizing Agent: NOT APPLICABLE  
 Waste Disposal Method: PRODUCT NOT RCRA HAZ WASTE.RECYCLING IS ENCOURAGED.LANDFILL/INCINERATE IAW LOCAL, STATE AND FEDERAL REQUIREMENTS. COLLECTED PROCESSING FUME CONDENSATES & INCINERATOR ASH SHOULD BE TESTED TO DETERMINE WASTE CLASSIFICATION.  
 Precautions-Handling/Storing: FOLLOW RECOMMENDATIONS ON LABEL/PROCESSGUIDE.PREVENT CONTACT W/SKIN/EYES.PROVIDE ADEQ VENTI.EMPLOY BOND/GROUND/VENT/EXPLO RELIEF PROVISIONS IAW PRACTI  
 Other Precautions: NOTE:ADDITIVES W/CERTAIN HEAVY METAL CMPDS MAY BE PRESENT & ARE ESSENTIALLY BOUND IN PLASTIC MATRIX & UNLIKELY TO CONTRIBUTE TO WORKPLACE EXPO UNDER RECOMMENDED PROCESS CONDITIONS.STORE IN DRY PLACE AWAY FROM MOISTURE/EXCESS HEAT/IGN SOURCE

## Control Measures

Respiratory Protection: WHEN PROCESSING FUMES NOT ADEUQATELY CONTROLLED USE RESP APPROVED FOR PROT FROM ORG VAP/ACID GASES.FOR DUST/POWDER FROM OPERATIONS NOT ADEUQATELY CONTROLLED USE RESP APPROVED FOR PROT FROM DUST.  
 Ventilation: CONT SUPPLY OF FRESH AIR TO WORKPLACE W/REMOVAL OF PROCESSING FUMES THRU EXHAU SYS RECOMMENDED.REMOVE PER CONDENSATE.  
 Protective Gloves: CHEM RESISTANT GLOVES.  
 Eye Protection: SAFETY GLASSES W/SIDESHIELDS,CHEM GOGGLE  
 Other Protective Equipment: LONG PANTS/SLEEVES,WELL INSULATED GLOVES, FACESHIELD WHEN APPLIC.USE APPROPR PROT CLOTH TO PREVENT CONTACT W/ CONDENSATION

Work Hygienic Practices: USE GOOD INDUSTR HYGIENE PRAC.USE AGGRESSIVE HOUSEKEEPING ACTIVITIES TO PREVENT DUST ACCUMULATION.KEEP AWAY FROM FOODSTU Suppl. Safety & Health Data: MELT PT:DOES NOT EXHIBIT SHARP METLING PT BUT SOFTENS GRADUALLY OVER WIDE TEMP RANGE. HEALTH:EXPLO/RESP HAZ.GREASE- LIKE PROCESSING FUME CONDENSATES ON VENTI DUCT WORK/MOLDS/OTHER SURFACES CAN CAUSE IRRIT & INJURY TO SKIN.

Transportation Data

Trans Data Review Date: 95046
DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
AFI PSN Code: ZZZ
AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
Additional Trans Data: PER TIR:LENGTH=96IN, WIDTH=48IN, THICKNESS= 0.25IN.
PER MSDS:DOT HAZ CLASS/PROPER SHIPPING NAME:NOT REG,ID#:NOT LISTED.

Disposal Data

Label Data

Label Required: YES
Technical Review Date: 15FEB95
Label Status: F
Common Name: LEXAN RESIN
Signal Word: CAUTION!
Acute Health Hazard-Slight: X
Contact Hazard-Slight: X
Fire Hazard-None: X
Reactivity Hazard-None: X
Special Hazard Precautions: EYE:IRRIT/INJ DUE TO MECH ACTION.MOLTEN PLASTIC CAN CAUSE SEVERE BURNS.SKIN:IRRIT UNLIKELY.INHAL:UNLIKELY DUE TO PHYSICAL FORM.INGEST:NOT ACUTELY TOXIC.FUMES FROM MELTING PROCESSING MAY CAUSE EYE/SKIN/RESP TRACT IRRIT;SEVERE OVEREXPO NAU,HEAD.SEC OPERATIONS(GRINDING/SANDING/SAWING)CAN PROD DUST EXPLO/RESP HAZ.TARGET ORGANS:EYES/RESP TRACT/SKIN.1STAID:EYES:REMOVE CONTACT LENSES @ONCE.IMMED FLUSH WELL W/LOTS OF WATER/NORMAL SALINE 20-30MINS.SKIN:WASH WELL W/SOAP/WATER.INGEST:LG AMT INGESTED.INHAL:NOT LIKELY.MOLTEN PLASTIC SKIN CONTACT COOL RAPIDLY W/WATER.DO NOT ATTEMPT REMOVAL OF PLASTIC NOR USE SOLVENT FOR REMOVAL.IN ALL CASES GET MED ATTN.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: GENERAL ELECTRIC CO, PLASTIC OPN/HDQS SHEET
PROD.
Label Street: 1 PLASTICS AVE
Label City: PITTSFIELD
Label State: MA
Label Zip Code: 01201-3630
Label Country: US
Label Emergency Number: 812-831-7245/812-831-7444