

GENERAL ELECTRIC CO, PLASTIC OPN/HDQS SHEET PROD. -- LEXAN RESIN -- 9330-01-131-8091  
===== Product Identification =====

Product ID:LEXAN RESIN

MSDS Date:01/01/1996

FSC:9330

NIIN:01-131-8091

MSDS Number: CBSGW

=== Responsible Party ===

Company Name:GENERAL ELECTRIC CO, PLASTIC OPN/HDQS SHEET PROD.

Address:1 PLASTICS AVE

City:PITTSFIELD

State:MA

ZIP:01201-3630

Country:US

Info Phone Num:812-831-7444

Emergency Phone Num:800-424-9300(CHEMTREC)/800-447-4545

CAGE:72799

=== Contractor Identification ===

Company Name:GENERAL ELECTRIC CO, SILICONE PRODUCTS BUSINESS DEPT

Address:260 HUDSON RIVER RD

Box:City:WATERFORD

State:NY

ZIP:12188

Country:US

Phone:518-237-3330/800-332-3390

CAGE:01139

Company Name:GENERAL ELECTRIC COMPANY

Address:1 PLASTICS AVE

Box:City:PITTSFIELD

State:MA

ZIP:01201-3630

Country:US

Phone:800-845-0600/304-863-7231

CAGE:72799

===== Composition/Information on Ingredient

S =====

Ingred Name:POLY (BISPHENOL-A-CARBONATE)

CAS:111211-39-3

Other REC Limits:NONE RECOMMENDED

Ingred Name:PRIMARILY OF HIGH MOLECULAR WEIGHT POLYMERS

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) >5G/KG.

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

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

Health Hazards Acute and Chronic:MOLTEN PLASTIC CAN CAUSE SEVERE THERMAL BU

RNS.FUMES PRODUCED DURING MELT PROCESSING MAY CAUSE EYE,SKIN,RESP TRACT IRRIT.SECONDARY OPERATIONS SUCH AS GRINDING,SANDLING,SAWING CAN PRODUCE DUST WHICH MAY PRESENT EXPLOS/RESP HAZ.EYE:IRRIT,INJURE DUE TO MECHANICAL ACTION.SKIN:NOT LIKELY TO CAUSE IRRIT.INHAL:UNLIKELY(SUPPLE)

Explanation of Carcinogenicity:PER MSDS:NTP-NOT TESTED;OSHA-NOT REGULATED;IARC-NOT LISTED.

Effects of Overexposure:SEVERE THERMAL BURNS. EYE/SKIN/RESP TRACT IRRIT FROM FUMES FROM MELT PROCESSES. E

YE IRRIT, INJURY, NOT ACUTELY TOXIC. SEVERE OVEREXPO:NAUSEA, HEADACHE.

Medical Cond Aggravated by Exposure:THERE ARE NO KNOWN HUMAN HEALTH EFFECTS AGGRAVATED BY EXPO .HOWEVER CERTAIN SENSITIVE INDIVIDUALS/INDIVIDUALS W/RESP IMPAIRMENTS MAY BE AFFECTED BY EXPO TO COMPONENTS IN PROCESSING FUMES.

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

First Aid:EYE:REMOVE CONTACT LENSES @ONCE.IMMED FLUSH W/COPIOUS QUANT OF WATER/NORMAL SALINE FOR @LEAST 20-30MINS.

IRRIT PERSIST GET MED

ATTN.SKIN:WASH WELL W/SOAP/WATER.RASH/BURN OCCUR GET MED

ATTN.INGEST:NOT P ROBABLE.LG AMT INGEST GET MED ATTN.INHAL:NOT LIKELY DUE TO PHYS FORM.MELT PROCESS:MOLTEN PLASTIC SKIN CONTACT COOL RAPIDLY W/WATER.IMMED GET MED ATTN.DON'T ATTEMP TO REMOVE PLASTIC W/O MED ASSIST(SUP)

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

Autoignition Temp:Autoignition Temp Text:630C

Lower Limits:N/ESTABLISH

Upper Limits:N/ESTABLISH

Extinguishing M

edia:H2OSPRAY,FOAM.H2O BEST EXT MEDIUM.CO2,DRY CHEM NOT  
GENERALLY RECOMMENDED-THEIR LACK OF COOL CAPACITY MAY PERMIT  
REIGNITI

Fire Fighting Procedures:APPROVED PRESSURE DEMAND BREATH APPARATUS/PROT  
CLOTH SHOULD BE USED FOR ALL FIRES.H2OSPRAY PREFER EXT MEDIUM.PROD  
WILL METL BUT WON'T BE CARRIED ON H2O SURFACE.

Unusual Fire/Explosion Hazard:CAN BURN IU FIRE CREATING DENSE TOXIC  
SMOKE.REQUIRES CONTINUOUS FLAME SOURCE TO IGNITE.SECONDARY  
OPERATINS (GRIND/SAND/SAW)MAY PROUDCE  
DUST EXPLO HAZ.

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

Spill Release Procedures:SPILLED PELLETS CREATE SLIPPING HAZARD.SWEEP  
OR GATHER UP MATL & PLACE IN PROPER CONTAINER FOR DISPOSAL OR  
RECOVERY.

Neutralizing Agent:N/A.HNDL/STOR PRECAUT:STORE IN DRY PLACE AWAY FRM  
MOIST,EXCESS HEAT,IGN SOURC.

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

Handling and Storage Precautions:PREVENT SKIN/EYE CONTACT.FOLLOW  
LABEL/PROCESS GUIDE RE  
COMMENDATIONS.PROVIDE ADEQU VENTI.USE

AGGRASSIVE HOUSEKEEPING ACTTO PREVENT DUST ACCUM(NEUTRAL)  
Other Precautions:GREASE-LIKE PROCESS FUME CONDENSATES ON VENTI DUCT  
WORK,MOLDS,OTHER SURFACES CAN CAUSE IRRIT/INJURE SKIN.ADDITIVES  
CONTAINING CERTAIN HEAVY METAL CMPDS MAY BE PRESENT-ESSENTIALLY  
BOUNDED IN PLAST MATR IX,UNLIKELY TO CONTRIBUTE TO (SUPPLEMEN)

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

Respiratory Protection:WHEN PROCESS FUME NOT ADEQUATELY C  
ONTROLLED USE

RESP APPROVED FOR PROT FRM ORG VAP/ACID

GAS.DUST/POWDER(GRIND/SAND/SAW)NOT ADEQU CONTRL USE RESP FOR PROT  
FROM DUST.

Ventilation:DESIGN TECH/GUIDELINE MAYBE FOUND FRM AMER CONF OF GOVT  
INDU HYG.LOCALLY DETERMINE EQPMT TO LIMIT FUMES EXPO.FRESH AIR.

Protective Gloves:RECOMMENDED.

Eye Protection:SAFETY GLASSES W/SIDE SHIELD,CHEM GOGG

Other Protective Equipment:FULL FCSHIELD FOR CLEANING FUME CONDENSATES  
FRM HOOD/DUST/OTHER SURF.LONG PANTS/SLEEVES/WELL INSULATED

GLOVE/FCSH-MELT.

Work Hygienic Practices:USE GOOD INDUSTRIAL HYGIENE PRACTICES.

Supplemental Safety and Health

HEALTH HAZ:DUE TO PHYS FORM.INGEST:NOT ACUTELY TOXIC. OTHER

PRECAUT:WORKPLACE EXPO UNDER RECOMMENDED PROCESS

CONDITIONS.BOND/GROUND/VENT/EXPLO RELIEF. 1ST AID:DON'T USE SOLVENT

FOR REMOVAL.INHAL IRRIT LEAVE AREA.BREATH FRESH AIR.COUGH/DIFF

BREATH/OTHER SYPM GET MED ATTN IMMED.SKIN FUNE CONDENSATE IMMED

WASH W/SOAP/WATER

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

HCC:N1

Boiling Pt:B.P. Text:NA

Melt/Freeze Pt:M.P/F.P Text:SOFTEN GRAD

Decomp Temp:Decomp Text:NP

Vapor Pres:NEGLIGIBLE

Vapor Density:NA

Spec Gravity:>1

pH:NA

Viscosity:NP

Evaporation Rate & Reference:NEGLIGIBLE, REF NOT GIVEN

Solubility in Water:INSOLUBLE.

Appearance and Odor:SOLID,PLASTIC PELLETS W/SLIGHT OR NO ODOR.

Percent Volatiles by Volume:NEGLIG

Corrosion Rate:NP

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

D

Stability Condition to Avoid:DO NOT EXCEED METL TEMP RECOMMENDATIONS IN

PROD LITERATURE.AUTOIGN/HAZ DECOMP HOT THICK PLASTIC MASSES.

Hazardous Decomposition Products:MAY INCLUDE INTENSE HEAT/DENSE BLACK

SMOKE,CO,CO2,HYDROCARBON FRAGMENTS.TRACE PHENOL

LEVELS,ALKYLPHENOLS,DIARYLCARBONATE

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

Waste Disposal Methods:PROD NOT RCRA HAZ WASTE.RECYCLE

ENCOURAGED.LANDFILL/INCINERATE IAW FED/STATE/LOC REQ

TS.COLLECTED

PROCESSING FUME CONDENSATES/INCINERATOR ASH SHOULD BE TESTED TO DETERMINE WASTE CLASSIFICATION.

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