

HONEYWELL, INC; AVIONIC DIVISION -- MC 6293-06 -- 8030-01-320-8829

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Product Identification
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Product ID:MC 6293-06

MSDS Date:01/18/1988

FSC:8030

NIIN:01-320-8829

MSDS Number: BPRRH

=== Responsible Party ===

Company Name:HONEYWELL, INC; AVIONIC DIVISION

Address:2600 RIDGWAY PARKWAY

Box:312

City:MINNEAPOLIS

State:MN

ZIP:55440

Country:US

Info Phone Num:612-378-4141

Emergency Phone Num:612-3

78-5593

Preparer's Name:THOMAS OSTERTAG

CAGE:NO426

=== Contractor Identification ===

Company Name:HONEYWELL INC AVIONICS DIV

Address:2600 RIDGEWAY PARKWAY

Box:312

City:MINNEAPOLIS

State:MN

ZIP:55440

Country:US

Phone:612-378-5593

CAGE:94580

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Composition/Information on Ingredients
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Ingred Name:EPOXY RESIN (SHEL

L EPON 828)
CAS:25068-38-6
RTECS #:SL6475000
Fraction by Wt: 31.0%
Other REC Limits:NONE SPECIFIED

Ingred Name:METHYLENE DIANILINE (TONOX)
CAS:101-77-9
RTECS #:BY5425000
Fraction by Wt: 8.0%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:0.1 PPM (UNCURED)
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:FILLER (CALCIUM CARBONATE)
CAS:1317-65-3
RTECS #:EV9580000
Fraction by Wt: 60.0%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:10 MG/M3 (UNCURED)

Ingred Name:ANTIFOAM (DOW ANTIFOAM A)
RTECS #:TR0460000
Fr
action by Wt: 1.0%
Other REC Limits:NONE SPECIFIED

Ingred Name:CAB-O-SIL (SILICON DIOXIDE)
CAS:7631-88-9
RTECS #:VV3100000
Fraction by Wt: 10% PPM
Other REC Limits:NONE SPECIFIED
ACGIH TLV:10 MG/M3

Ingred Name:EPICHLOROHYDRIN (IN EPOXY RESIN)
CAS:106-89-8
RTECS #:TX4900000
Fraction by Wt: 10% PPM
Other REC Limits:NONE SPECIFIED
OSHA PEL:S, 5 PPM
ACGIH TLV:S, 2 PPM; 9293
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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

Routes of Entr

y: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:UNCURED RESIN: DERMATITIS, BRONCHIAL IRRITATION. CURED RESIN: NONE DETERMINED. EPICHLOROHYDRIN AND METHYLENE DIANILINE ARE SUSPECTED CARCINOGENS. REPRODUCTIVE EFFECTS HAVE BEEN ASSOCIATED WITH BUTYL G LYCIDYL ETHER. EYE: IRRITATION. SKIN: DERMATITIS ON REPEATED EXPOSURE. INHALATION: BRONCHIAL & RESPIRATORY IRRITATION.

Explanation of Carcinogenicity:EPICHLOROHYDRIN AND METHYLENE DIANILINE ARE SUSPECTED CARCINOGENS.

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

First Aid:EYES: FLUSH PROMPTLY WITH COOL RUNNING WATER FOR AT LEAST 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION. SKIN: WASH THOROUGHLY WITH SOAP AND WATER. GET MEDICAL ATTENTION IF NECESSARY. INGESTION: GET IMMEDIATE MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. INHALATION: IF INHALED, REMOVE TO FRESH AIR AND GET MEDICAL ATTENTION.

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

Flash Point Method:COC
Flash Point:>400F,>204C
Extinguishing Media:WATER, FOG, FOAM, CO2, DRY CHEMICAL
Fire Fighting Procedures:WEAR FULL PROTECTIVE BUNKER GEAR INCLUDING SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:NO UNUSUAL HAZARDS.

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

Spill Release Procedures:CURED: CLEAN UP. DISPOSE IN APPROVED LANDFILL. UNCURED: DIKE. WEAR RESPIRATORY PROTECT EQUIP/OTHER PROTECT EQUIP TO PREVENT SKIN/EYE CONTACT. SOAK UP SPILLED MAT'L W/ABSORB (I.E. CLAY). PUT INTO TIGHT CNTNR. GUARD AGAINST FIRE HZD IF SOLVENT USED.

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

Handling and Storage Precautions:DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. DO NOT TAKE INTERNALLY. AVOID BREATHING DUST. KEEP CONTAINER CLOSED. WASH THOROUGHLY AFTER HANDLING.
Other Precautions:STORE IN TIGHT STURDY CONTAINERS. IF FROZEN USE GLOVES TO

PROTECT FROM FROSTBITE. KEEP FROZEN UNTIL USAGE. REMOVE
CONTAMINATED CLOTHING AND DECONTAMINATE.

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

Respiratory Protection:FOR FIRE CONDITIONS OR EXPOSURE ABOVE THE TLV,
WEAR NIOSH/MSHA APPROVED RESPIRATORS TO PREVENT VAPOR OVEREXPOSURE.

Ventilation:UNCURED: MUST BE PROVIDED IN MIXING & APPLIC AREAS AS
REQUIRED TO CONTROL VAPOR EXPOSURE. LOCAL EXHAUST IS RECOMMENDED.

Protective Gloves:AS REQUIRED TO PREVENT SKIN CONTACT.

Eye Protection:FACE SHIELD/GOGGLES AS REQ'D-PROTECT EYE

Other Protective Equipment:AS NECESSARY TO PREVENT ANY BODY CONTACT.

Supplemental Safety and Health

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

Vapor Density:1

Spec Gravity:1.2

Solubility in Water:NEGLIGIBLE

Appearance and Odor:UNCURED - VISCOUS LIQUID. CURED - TAN SOLID.

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

STRONG OXIDIZERS.

Stability Condition to Avoid:HEAT, OXIDIZERS. * CURED - STABLE.

UNCURED - REACTIVE.

Hazardous Decomposition Products:CARBON MONOXIDE, HYDROGEN CYANIDE,

ALDEHYDES, ACIDS. REACTS WITH CONSIDERABLE HEAT RELEASE WHEN
CURING.

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

Waste Disposal Methods:BURN IN A CHEMICAL INCINERATOR OR BURY IN AN
APPROVED LANDFILL.

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