



MATERIAL SAFETY DATA SHEET

30811

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PAGE 1 OF 4

PRODUCT NAME: CAVCO GLAS APG-2

MSDS No.: 30811

REVISION: 2

PREPARED BY: DIR ENV AFFAIRS

ISSUE DATE: 05/03/96

EFFECTIVE DATE: 06/20/13

SECTION A. MATERIAL IDENTIFICATION.

MANUFACTURER: McGEAN-ROHCO, INC.

CHEMTREC:

TELEPHONE #: 800-424-9300

2910 HARVARD AVENUE
CLEVELAND OH 44105
TELEPHONE: 216-441-4900

OR 703-527-3887

SECTION B. INGREDIENTS AND HAZARDS.

INGREDIENT: ZIRCONIUM AND ALUMINUM COMPLEX

25.0%

CAS NUMBER: 125380-32-7

EXPOSURE LIMIT: TWA: 5mg/CUBIC METER

SUSPECT CARCINOGEN: NO

SECTION C. PHYSICAL DATA.

APPEARANCE: CLEAR YELLOWISH LIQUID

BOILING POINT: UK

ODOR: MILD

FREEZING POINT: UK

SPECIFIC GRAVITY: 1.15

VAPOR PRESSURE: UK

pH: 3-4

VAPOR DENSITY: UK

EVAPORATION RATE: <BUTYL ACETATE

% VOLATILE BY VOLUME: NA

SOLUBILITY IN WATER: COMPLETE

SECTION D. FIRE AND EXPLOSION HAZARD DATA.

FLASH POINT: NONE

HAZARD SYMBOL CODES

TEST METHOD: NA

NFPA HMIS

LIMITS: LEL: NA

HEALTH: 2 2

UEL: NA

FLAMMABILITY: 0 0

REACTIVITY: 0 0

SPECIAL:

EXTINGUISHING MEDIA: NOT FLAMMABLE

SPECIAL FIRE FIGHTING PROCEDURES: SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR SHOULD BE WORN.



MATERIAL SAFETY DATA SHEET

30811

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PAGE 2 OF 4

UNUSUAL FIRE OR NONE
EXPLOSION HAZARDS:

SECTION E. REACTIVITY DATA

MATERIAL IS STABLE.
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

CONDITIONS TO NA
AVOID:

INCOMPATIBILITY STRONG ALKALIES
MATERIALS TO AVOID:

HAZARDOUS DECOMPOSITION NONE KNOWN
PRODUCTS:

SECTION F. HEALTH HAZARD DATA.

SUMMARY OF RISKS: SARA--ACUTE

MEDICAL CONDITIONS NONE KNOWN
WHICH MAY BE
AGGRAVATED BY CONTACT:

TARGET ORGANS: SKIN, EYES

PRIMARY ENTRY ROUTES: THROUGH CONTACT

ACUTE EFFECTS: MILD TO STRONGLY IRRITATING.

CHRONIC EFFECTS: NONE KNOWN

SIGNS & SYMPTOMS OF OVEREXPOSURE:

EYE CONTACT: STINGING OR BURNING SENSATION.

SKIN CONTACT: POSSIBLE MILD TO STRONG IRRITATION.

INHALATION: IRRITATION OF MUCOUS MEMBRANES AND RESPIRATORY SYSTEM FROM
ACID MIST.

INGESTION: IRRITATION OF MOUTH AND/OR THROAT.

EMERGENCY & FIRST AID PROCEDURES:



MATERIAL SAFETY DATA SHEET

30811

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PAGE 3 OF 4

EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

SKIN CONTACT: FLUSH WITH WATER THEN WASH WITH SOAP AND WATER.

INHALATION: REMOVE TO FRESH AIR.

INGESTION: IF CONSCIOUS, GIVE SEVERAL GLASSES OF WATER TO DRINK AND INDUCE VOMITING. GET MEDICAL ATTENTION.

SECTION G. SPILL, LEAK AND DISPOSAL PROCEDURES.

SPILL/LEAK PROCEDURES: NEUTRALIZE WITH SODA ASH OR LIME. FLUSH AREA WITH WATER.

WASTE MANAGEMENT & DISPOSAL PROCEDURES: NEUTRALIZE TO WITHIN POTW pH DISCHARGE LIMITS AND SEWER. FOLLOW ALL LOCAL, STATE AND FEDERAL REGULATIONS.

RCRA # (IF DISPOSED AS RECEIVED): NONE

SECTION H. SPECIAL PROTECTION INFORMATION

PERSONAL PROTECTIVE EQUIPMENT:

GOGGLES: CHEMICAL GOGGLES.

GLOVES: RUBBER.

RESPIRATOR: IF TWA IS EXCEEDED, MUST BE NIOSH OR MSHA APPROVED.

OTHER: SUFFICIENT TO PREVENT SKIN CONTACT.

WORKPLACE CONSIDERATIONS:

VENTILATION: SUFFICIENT TO KEEP BELOW TWA LIMIT.

SAFETY STATIONS: EYE WASH.

OTHER: SAFETY SHOWER.

SECTION I. SPECIAL PRECAUTIONS



MATERIAL SAFETY DATA SHEET

30811

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PAGE 4 OF 4

SPECIAL HANDLING STORE INSIDE IN A COOL AREA.
& STORAGE PROCEDURES:

D.O.T. CLASS	NONE	UN REGISTER: NONE
IMDG CLASS:	NONE	UN REGISTER: NONE
IATA CLASS:	NONE	UN REGISTER: NONE

EXPLANATION OF SYMBOLS

NA = NOT APPLICABLE

UK = UNKNOWN

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