

THE S.A. DAY MANUFACTURING CO., INC.
MATERIAL SAFETY DATA SHEET

PRODUCT NAME: DAYCLAD (ISOPROPYL ALCOHOL FOR VISCOSITY PREFERENCE)

PREPARED BY: PAUL J. CONN ISSUE DATE: 1/10/94 (Updated 1/10/00)

SECTION A. MATERIAL IDENTIFICATION. (Updated 1/10/03)

MANUFACTURER: S.A. DAY MFG. CO., INC. CHEMTREC:
TELEPHONE #: 800-424-9300
OR OUTSIDE USA
1-703-527-3887
(CALL COLLECT)
1489 NIAGARA STREET
BUFFALO, NEW YORK 14213
TELEPHONE: 716-881-3030

SECTION B. INGREDIENTS AND HAZARDS.

INGREDIENTS: POTASSIUM TETRAFLUOROALUMINATE
CAS NUMBER: 14484-69-6
EXPOSURE LIMIT: N/A
SUSPECT CARCINOGEN: NO

ETHYLENE GLYCOL
CAS NUMBER: 000107-21-1
EXPOSURE LIMIT: N/A
SUSPECT CARCINOGEN: NO

GLYCERINE
CAS NUMBER: 000056-81-5
EXPOSURE LIMIT: N/A
SUSPECT CARCINOGEN: NO

BRAZING FILLER
(L-ALSI 12) AS METAL
COMPONENTS:
Al CAS NUMBER 7429-90-5
Si CAS NUMBER 7440-21-3
Cu CAS NUMBER 7440-50-8
EXPOSURE LIMIT: N/A
SUSPECT CARCINOGEN: NO

VISCOSITY IS ADJUSTED TO USERS SPECIFICATION WITH
ISOPROPYL ALCOHOL USUALLY 20% BY WEIGHT
CAS NUMBER: 67-63-0
EXPOSURE LIMIT: N/A
SUSPECT CARCINOGEN: NO

SECTION C. PHYSICAL DATA.

APPEARANCE: GREY SUSPENSION BOILING POINT: 180^o-190^o C
ODOR: NONE FREEZING POINT: N/A
MELTING POINT: 575^o-595^o C
SPECIFIC GRAVITY: N/A VAPOR PRESSURE: N/A
pH: N/A VAPOR DENSITY: 1.7/CM
EVAPORATION RATE: 0.1 % VOLATILE BY VOLUME: N/A
SOLUBILITY IN WATER: MISCIBLE WITH WATER.

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SECTION D. FIRE AND EXPLOSION HAZARD DATA. (Updated 1/10/03)

FLASH POINT: FLASHPOINT VEHICLE 24°C
IGNITION TEMP. VEH. 400°C

LIMITS: LEL: N/A
UEL: N/A

EXTINGUISHING MEDIA: IF INVOLVED IN FIRE, USE EXTINGUISHING MEDIA
APPROPRIATE FOR SURROUNDING FIRE. CO₂, DRY
CHEMICAL.

SPECIAL FIRE USE SELF-CONTAINED BREATHING APPARATUS WITH
FIGHTING PROCEDURES: FACE PIECE. FIREFIGHTERS SHOULD WEAR PROPER
PROTECTIVE EQUIPMENT.

UNUSUAL FIRE OR MOVE EXPOSED CONTAINERS FROM FIRE AREA, IF IT
EXPLOSION HAZARDS: CAN BE DONE WITHOUT RISK. USE WATER TO KEEP
FIRE EXPOSED CONTAINERS COOL.

SECTION E. REACTIVITY DATA.

MATERIAL IS STABLE.
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

CONDITIONS TO AVOID: N/A

CHEMICAL POTASSIUM METAL, BOILING SULFURIC ACID.
INCOMPATIBILITIES: VERY HIGH TEMPERATURES. OXIDIZERS

HAZARDOUS DECOMPOSITION
PRODUCTS: FLUORIDE COMPOUNDS, HYDROGEN GAS

SECTION F. HEALTH HAZARD DATA.

MEDICAL CONDITIONS DERMATITIS, COUGHING, DIFFICULT BREATHING,
WHICH MAY BE IRRITATION OF EYES, INFLAMMATION AND ULCERATION
AGGRAVATED BY CONTACT: OF RESPIRATORY AND DIGESTIVE TRACTS.

TARGET ORGANS: SKIN, EYES, MUCOUS MEMBRANES, STOMACH.

PRIMARY ENTRY ROUTES: CONTACT. INHALATION OF DUST. INGESTION.

ACUTE EFFECTS: BREATHING, DIGESTIVE AND PULMONARY ILLNESS.

SIGNS & SYMPTOMS OF OVEREXPOSURE:

EYE CONTACT: SEVERE BURNING

SKIN CONTACT: IRRITATION, BURNING.

INHALATION: IRRITATION OF NASAL SEPTUM AND RESPIRATORY TRACT.

INGESTION: SEVERE BURNING TO MOUTH AND STOMACH.

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EMERGENCY & FIRST AID PROCEDURES:

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

SKIN CONTACT: WASH WITH SOAP AND WATER FOR 15 MINUTES. REMOVE
CONTAMINATED CLOTHING.

INHALATION: REMOVE TO FRESH AIR.

INGESTION: DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE
LARGE QUANTITIES OF WATER. SEEK MEDICAL
ATTENTION IMMEDIATELY.

SECTION G. SPILL, LEAK AND DISPOSAL PROCEDURES.

SPILL/LEAK PROCEDURES: VENTILATE AREA. NEUTRALIZE SPILL WITH SMALL
AMOUNTS OF SODA ASH OR LIME. CAREFULLY PLACE
MATERIAL INTO A CLEAN, DRY CONTAINER AND COVER.
REMOVE FROM AREA. AREA CAN BE RINSED WITH WATER.

WASTE MANAGEMENT: DISPOSE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL,
STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION H. SPECIAL PROTECTION INFORMATION.

PERSONAL PROTECTIVE EQUIPMENT:

GOGGLES: CHEMICAL GOGGLES AND FACE SHIELD.

GLOVES: ACID RESISTANT.

RESPIRATOR: NONE REQUIRED AT ROOM TEMPERATURE.

OTHER: ACID RESISTANT APRON AND SHOES.

WORKPLACE CONSIDERATIONS:

VENTILATION: SUFFICIENT TO KEEP BELOW EXPOSURE LIMITS.

SAFETY STATIONS: EYE WASH FACILITY IN CLOSE PROXIMITY.

AFTER A SPILL, WASH CLOTHING BEFORE REUSE.

OTHER: SAFETY SHOWER.

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SECTION I. SPECIAL PRECAUTIONS

(Updated 1/10/03)

SPECIAL HANDLING KEEP CONTAINERS TIGHTLY CLOSED. STORE IN COOL,
& STORAGE PROCEDURES: CORROSION PROOF AREA.

D.O.T. CLASS: CHEMICALS, NOI

THIS MATERIAL SAFETY DATA SHEET IS OFFERED SOLELY FOR YOUR INFORMATION,
CONSIDERATION, AND INVESTIGATION. WHILE THE INFORMATION AND RECOMMENDATIONS SET
FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREOF, S.A. DAY MFG. CO.,
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RELIANCE THEREON.