

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

PRODUCT NAME: BUFFALO FLUX 2805

PREPARED BY: PAUL J. CONN

ISSUE DATE: 11/01/97 (Updated 11/1/00)

(Updated 11/3/03)

SECTION A. MATERIAL IDENTIFICATION.

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: 1-716-881-3030

SECTION B. INGREDIENTS AND HAZARDS.

INGREDIENT: POTASSIUM TETRAFLUOROALUMINATE

CAS NUMBER: 14484-69-6 100%

SUSPECT CARCINOGEN: NO

SECTION C. PHYSICAL DATA.

APPEARANCE: WHITE POWDER

BOILING POINT: N/A

ODOR: NONE

FREEZING POINT: N/A

MELTING POINT: 1055⁰F (569⁰ C)

SPECIFIC GRAVITY: 2.8

VAPOR PRESSURE: N/A

pH: 4.5 - 6.5

VAPOR DENSITY: N/A

% VOLATILE BY VOLUME: N/A

EVAPORATION RATE: N/A

SOLUBILITY IN WATER: NO REACTION

WATER ACTS AS SUSPENSION pH = 5-6

SECTION D. FIRE AND EXPLOSION HAZARD DATA.

FLASH POINT: NONE

HAZARD SYMBOL CODES

TEST METHOD: N/A

HMIS

LIMITS: LEL: N/A

HEALTH: 1

UEL: N/A

FLAMMABILITY: 0

REACTIVITY: 0

SPECIAL: F

EXTINGUISHING MEDIA:

USE EXTINGUISHING MEDIA APPROPRIATE FOR
SURROUNDING FIRE.

SPECIAL FIRE FIGHTING
PROCEDURES:

USE SELF-CONTAINED BREATHING APPARATUS.
FIREFIGHTERS SHOULD WEAR PROPER PROTECTIVE
EQUIPMENT.

UNUSUAL FIRE OR
EXPLOSION HAZARDS:

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

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

PRODUCT NAME: BUFFALO FLUX 2805

PREPARED BY: PAUL J. CONN

ISSUE DATE: 11/01/97 (Updated 11/1/00)

(Updated 11/3/03)

SECTION E. REACTIVITY DATA.

MATERIAL IS STABLE. HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

CONDITIONS TO AVOID: INCINERATION, CONTACT WITH ACIDS.

CHEMICAL
INCOMPATIBILITIES: CONTACT WITH ACIDS.

HAZARDOUS DECOMPOSITION
PRODUCTS: FLUORIDE COMPOUNDS, HYDROGEN GAS.

SECTION F. HEALTH HAZARD DATA.

MEDICAL CONDITION WHICH MAY BE
AGGRAVATED BY CONTACT: IN THE CASE OF FIRE, VAPOR MAY BE
IRRITATING TO SKIN, NOSE, EYES AND THROAT.

PRIMARY ENTRY ROUTES: EYES - DUST IRRITATION OF EYES.

EMERGENCY & FIRST AID
PROCEDURES: FLUSH WITH COPIOUS AMOUNTS OF WATER.

SKIN CONTACT: FLUSH WITH COPIOUS AMOUNTS OF WATER.

INHALATION: REMOVE TO FRESH AIR.

INDIGESTION: DO NOT INDUCE VOMITING. GIVE LARGE
QUANTITIES OF WATER.

SECTION G. SPILL, LEAK AND DISPOSAL PROCEDURES.

SPILL/LEAK
PROCEDURES: USE CLEAN UP PROCEDURES THAT MINIMIZE DUSTING,
SUCH AS A WET MOP. USE EYE PROTECTION AND
3M-9920 DUST RESPIRATOR IF DUST IS GENERATED.

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

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

PRODUCT NAME: BUFFALO FLUX 2805

PREPARED BY: PAUL J. CONN

ISSUE DATE: 11/01/97 (Updated 11/1/00)

(Updated 11/3/03)

SECTION H. SPECIAL PROTECTION INFORMATION.

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATOR: 3M-9920 DUST RESPIRATOR - AIR SUPPLIED RESPIRATOR
IF 10 MG/M³ 10 MG/M³ IS EXCEEDED.

OTHER: KEEP WORK CLOTHES AND STREET CLOTHES
SEPARATE.

WORKPLACE CONSIDERATIONS:

SAFETY STATIONS: NO EATING, DRINKING OR SMOKING AT THE
WORK SITE. PRACTICE GOOD HOUSEKEEPING.

SECTION I. SPECIAL PRECAUTIONS.

SPECIAL HANDLING & STORAGE PROCEDURES: WEAR PROTECTIVE CLOTHING AS STATED. KEEP AWAY
FROM COMBUSTIBLE MATERIAL. DO NOT REUSE
CONTAINERS. AVOID DUSTING. DISPOSE OF EMPTY
CONTAINERS IN A MANNER MEETING GOVERNMENT
REGULATIONS.

D.O.T. CLASS: CHEMICALS, NOI

EXPLANATION OF SYMBOLS

N/A = NOT APPLICABLE

UK = UNKNOWN

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., INC. MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM
RELIANCE THEREON.