

\*\*\*\*\* Flux-Away K30Y14 \*\*\*\*\*

**MATERIAL SAFETY DATA SHEET**

**Easy Braid Co.**

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**SECTION I - PRODUCT IDENTIFICATION**

PRODUCT NAME: Flux-Away

PRODUCT DESCRIPTION: Fast-drying, effective cleaner. Low surface tension, superior wetting properties; safely and gently removes type R, RMA, RA, synthetic and water soluble fluxes from sensitive surfaces, flowing under components to flush area clean without rinsing. Contains no CFCs or HCFCs. ***Extremely flammable – not for use on energized equipment.***

RESTRICTIONS: Non-restricted

**SECTION II - HAZARDOUS INGREDIENTS**

INGREDIENT NAME(S)	CAS#	OCCUPATIONAL EXPOSURE LIMITS	
		TLV OR PEL	ORAL LD-50
Ethyl Alcohol	64-17-5	1000ppm	N.E.
Isopropyl Alcohol	67-63-0	400ppm	N.E.
Methyl Alcohol	67-56-1	200ppm	N.E.
Carbon dioxide	124-38-9	10000ppm	N.E.
Ethyl Acetate	141-78-6	400ppm	N.E.

Carcinogenic: **OSHA** = no    **NTP** = no    **IARC** = no

**SECTION III - PHYSICAL DATA**

COLOR: Clear, colorless

PHYSICAL FORM: Liquid

VAPOR DENSITY: >1    ODOR: Alcohol

VAPOR PRESSURE: 40 mmHg

BOILING RANGE: 175 degrees F

EVAPORATION RATE: >1    MELTING RANGE: N.A.

SPECIFIC GRAVITY: 0.78

**SECTION IV - FIRE AND EXPLOSION DATA**

HMIS RATING: Flammability-3, Health-1, Reactivity-0

FLASH POINT : 52 degrees F (TCC)

FLAMMABLE LIMITS: LEL: 2.5%    UEL: 20.0%

EXTINGUISHING MEDIA: Dry chemical carbon dioxide, Class BC or ABC fire extinguisher.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapor concentrations when present within the flammable range can be ignited with high-intensity heat sources or open flames, especially in poorly ventilated spaces.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus.

**SECTION V - HEALTH HAZARD DATA**

EMERGENCY AND FIRST AID PROCEDURES:

Eye Contact: Flush eyes with water for at least 15 minutes.

Consult a physician. Skin Contact: Rinse affected area with

water. If irritation persists, consult a physician. Inhalation:

Remove to fresh air, administer oxygen if necessary. If victim

has stopped breathing begin CPR. Get medical attention.

Ingestion: If liquid is swallowed, get immediate medical

attention.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY

EXPOSURE: N.E.

PRIMARY ROUTES OF ENTRY: Inhalation, skin and eye contact.

HEALTH HAZARDS (acute and chronic) / EFFECTS OF

OVEREXPOSURE: Excessive inhalation of high vapor

concentrations may cause dizziness, weakness, fatigue,

nausea, headache and possible unconsciousness or death.

**SECTION VI - REACTIVITY DATA**

STABILITY: Stable under normal use and storage conditions.

Aerosol containers may fail explosively when heated under fire conditions.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS (under fire

conditions): Thermal decomposition may produce

hydrochloric and hydrofluoric acids, possible carbonyl halides such as phosgene, also carbon oxides.

INCOMPATIBILITY: Avoid alkali or alkaline earth metals, and

powdered Al, Zn, Be and so forth which could cause an

exothermic reaction, or could produce an explosive combination.

CONDITIONS TO AVOID: None known.

**SECTION VII - SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED

OR SPILLED: Remove open flames, also any known potential

ignition sources. Ventilate area; wear protective equipment,

breathing apparatus. Take up spilled material on an inert,

absorbent material and place into approved waste container for reclamation or disposal.

WASTE DISPOSAL: Comply with all existing Federal, State and Local environmental regulations.

**SECTION VIII - SAFE HANDLING AND USE INFORMATION**

RESPIRATORY PROTECTION: A NIOSH approved respirator

is recommended if TLV or PEL is exceeded.

PROTECTIVE GLOVES: Chemical resistant rubber or plastic.

EYE PROTECTION: Safety glasses/splash goggles

OTHER PROTECTIVE EQUIPMENT: Eye wash station.

**SECTION IX - SPECIAL PRECAUTIONS AND STORAGE DATA**

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid eye and

skin contact with liquid. Avoid excessive inhalation of vapors.

Use in a well-ventilated environment. Intentional inhalation of contents is harmful and may be fatal.

PRECAUTIONS TO BE TAKEN IN STORING: Store

containers below 120°F (48°C) and away from heat sources or open flame.

**DISCLAIMER:** This information is furnished without warranty, expressed, or implied, except that it is accurate to the best knowledge of Easy Braid Co. The data on this sheet relates only to the specific material designated herein. Easy Braid Co. assumes no legal responsibility for use or reliance upon this data. DATE PREPARED: 03/31/04

**SECTION X – SHIPPING DATA**

U.N/N.A NUMBER: UN1950

DOT/IATA SHIPPING NAME: Aerosols, flammable, (each not exceeding 1L capacity)

DOT/IATA HAZARD CLASS: 2.1

DOT/IATA REQUIRED LABELS: 2, Flammable gas (air shipment only)

DOT EXCEPTION: See Code 49 section 172.101, column (8A). Section 173.306(h) permits "limited quantity" materials (inner packagings which do not exceed 1L capacity / 61 cubic inches and for which internal pressures do not exceed 180 psig at 130 degrees F.) meeting section 171.8 definition of "consumer commodity" to be renamed "Consumer commodity, re-classed as ORM-D when shipped via ground mode, domestically.

IMDG SHIPPING NAME: Aerosols, flammable, (each not exceeding 1L capacity)

FREIGHT CLASS: NMFC 48580, Sub 3

LTL: 55

TL: 35

MW:36

T.S.C.A STATUS: All components listed

N.E. = NOT ESTABLISHED

N.A. = NOT APPLICABLE