



*A Milacron Company*

Dear Customer:

Enclosed is the **REVISED** Material Safety Data Sheet for our product:

**D-M-E MOLD RELEASE 114**

The products we distribute are not normally hazardous in their natural state. However, steel does contain elements deemed by OSHA to be hazardous when released by manufacturing, such as brazing, burning, grinding, sawing or welding, etc. Failure to control dust and fumes can result in chronic health problems.

We believe the information, supplied by the Manufacturer, on the enclosed MSDS to be accurate; however, D-M-E makes no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability for the information so presented.

Should you require additional information, please call or write the Manufacturer listed on the MSDS.

Sincerely yours,

D-M-E Company  
Director of Operations  
Ken Jasina

June 2011

MATERIAL SAFETY DATA SHEET

D-M-E COMPANY  
29111 STEPHENSON HIGHWAY  
MADISON HEIGHTS, MI 48071

PRODUCT NAME: PAINTABLE MOLD RELEASE MRPS-114  
MANUFACTURED FOR D-M-E COMPANY BY SLIDE PRODUCTS, INC., WHEELING, IL

EMERGENCY TELEPHONE: 800-424-9300  
INFORMATION TELEPHONE: 248-398-6000  
D.U.N.S. NUMBER: 05-882-2677

REVISION DATE: JUNE 1, 2011  
PRODUCT NUMBER: MRPS-114  
FAX NUMBER: 248-544-5705

IF D-M-E COMPANY CONSIDERS THE FORMULA OF THIS PRODUCT TO BE A TRADE SECRET, THE EXACT CHEMICAL NAMES AND PERCENTAGES WILL NOT APPEAR IN THE BODY OF THIS DOCUMENT. EXACT CHEMICAL COMPOSITION GIVEN ON REQUEST TO PHYSICIANS, INDUSTRIAL HYGIENISTS, AND OTHER QUALIFIED HEALTH PROFESSIONALS.

**SECTION I. IDENTIFICATION**

CHEMICAL NAME: NATURAL LECITHIN SOLUTION  
CHEMICAL FAMILY: PHOSPHO LIPID  
FORMULA: 53136  
SYNONYMS:  
DOT HAZARD CLASSIFICATION: ORM-D  
DOT SHIPPING NAME: CONSUMER COMMODITY  
CHEMICAL ABSTRACT REGISTRY NUMBER: N/A, MIXTURE  
IDENTIFICATION NUMBER: NONE  
H.M.I.S. RATING: 1,1,0,B

**SECTION II. PHYSICAL DATA**

DATA IN SECTION II APPLY TO CONCENTRATE BEFORE ADDING PROPELLANT

BOILING POINT: N/A  
FREEZING POINT: <-50' F.  
SPECIFIC GRAVITY (H2O =1): .81  
WEIGHT PER GALLON @ 60 F.: 6.79  
VAPOR PRESSURE @ 70 F. (MM HG): N/A  
VAPOR DENSITY (AIR = 1): N/A  
SOLUBILITY IN WATER, % BY WT.: NOT SOLUBLE  
PERCENT VOLATILE BY WEIGHT: 97  
EVAPORATION RATE (MINUTES):  
APPEARANCE AND ODOR: CLEAR, OILY, COLORLESS LIQUID, SLIGHT ETHEREAL ODOR

**SECTION III. HAZARDOUS INGREDIENTS**

MATERIAL:	APPROX. WEIGHT %:	CAS NUMBER:	PEL(OSHA):
LECITHIN	3.0	68910-52-1	N/A
DIMETHYL ETHER	63.0	115-10-6	1000 PPM
1,1,1,2-TETRAFLUOROETHANE	34.0	811-97-2	1000 PPM

\*\*CONTAINS NO OZONE DEPLETING CHEMICALS\*\*

ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA DIRECTORY

**SECTION IV. FIRE AND EXPLOSION HAZARD DATA**

FLAMMABLE LIMITS IN AIR: LEL: UEL: (VOLUME %)  
FLASH POINT: N/A  
AEROSOL FLAME PROJECTION TEST: 18" FLAME PROJECTION AS DETERMINED BY THE AEROSOL FLAME PROJECTION TEST. FOR SAFETY PUPOSES, D-M-E CONSIDERS THIS PRODUCT FLAMMABLE.  
EXTINGUISHING MEDIA: DRY CHEMICAL, CO2, FOAM  
SPECIAL FIRE FIGHTING PROCEDURES: SELF CONTAINED BREATHING APPARATUS  
UNUSUAL FIRE & EXPLOSION HAZARDS: AEROSOLS MAY RUPTURE VIOLENTLY AT TEMPERATURES ABOVE 120 DEGREES F.

**SECTION V. REACTIVITY DATA**

STABILITY: STABLE  
INCOMPATIBILITY (MATERIALS TO AVOID): POWDERED OR ALKALINE EARTH METALS  
HAZARDOUS COMBUSTION BY-PRODUCTS: HF AND OTHER FLUORINE COMPOUNDS  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR  
CONDITIONS TO AVOID: OPEN FLAMES AND HIGH TEMPERATURES

**SECTION VI. HEALTH HAZARD DATA**

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THRESHOLD LIMIT VALUE: 1,000 PPM

**\* EFFECTS OF OVEREXPOSURE \***

INGESTION (SWALLOWING): N/A  
INHALATION: EXCESSIVE INHALATION CAN PRODUCE DIZZINESS, NAUSEA, and HEADACHE.  
SKIN CONTACT: CONCENTRATED SPRAY MAY CAUSE FREEZING OF SKIN AREA  
EYE CONTACT: TEMPORARY IRRITATION

**\* EMERGENCY AND FIRST AID PROCEDURES \***

SKIN: WASH WITH SOAP AND WATER  
INHALATION: REMOVE TO FRESH AIR LOCATION  
EYES: FLUSH WITH PLENTY OF WATER, CALL PHYSICIAN IMMEDIATELY.

**SECTION VII. SPILL OR LEAK PROCEDURES**

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STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: REMOVE LEAKING CONTAINER TO OUTSIDE DISPOSAL SITE.  
WASTE DISPOSAL METHOD: EMPTY FULLY, INCLUDING GAS PRESSURE. DO NOT PUNCTURE OR INCINERATE. CAN BE RECYCLED OR ALTERNATIVELY REMOVED TO A SANITARY LANDFILL IN MOST LOCALITIES. CHECK APPLICABLE REGULATIONS.

**SECTION VIII. SPECIAL PROTECTION INFORMATION**

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RESPIRATORY PROTECTION (SPECIFY TYPE): NOT NEEDED WITH ADEQUATE VENTILATION  
VENTILATION: ADEQUATE VENTILATION NEEDED  
PROTECTIVE GLOVES: RECOMMENDED BUT NOT REQUIRED  
EYE PROTECTION: PROPER EYE CARE SHOULD BE PRACTICED IN ALL INDUSTRIAL OPERATIONS  
OTHER PROTECTIVE EQUIPMENT: AS YOUR COMPANY REQUIRES.

**SECTION IX. SPECIAL PRECAUTIONS**

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE INDOORS AWAY FROM DIRECT SUNLIGHT, BELOW 120° F. DO NOT DROP, PUNCTURE, OR INCINERATE. OTHER PRECAUTIONS: DO NOT SPRAY DIRECTLY INTO FLAME. DO NOT SMOKE WHILE USING PRODUCT. DO NOT SPRAY ON FLOORS.

**SECTION X. CARCINOGENIC HAZARD**

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NO COMPONENT IN THIS PRODUCT HAS BEEN LISTED AS A CARCINOGEN BY IARU, N.T.P., OSHA, OR ACGIH.

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THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESS OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE, AND DETERMINE WHETHER THEY ARE APPROPRIATE. THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET IS BELIEVED TO BE CORRECT AS OF THIS DATE. THE REGULATIONS PROMULGATED BY OSHA FOR HAZARD COMMUNICATION, 29 CFR 1910.1200, AS WELL AS SEVERAL STATE AND LOCAL LAWS AND REGULATIONS, HAVE BEEN CONSULTED IN PREPARING THIS M.S.D.S.  
NO WARRANTY, EXPRESS OR IMPLIED, IS HEREBY MADE.