

MATERIAL SAFETY DATA SHEET

SLIDE PRODUCTS, INC.
430 S. WHEELING ROAD
WHEELING, IL 60090

PRODUCT NAME: SLIDE VERI KLEEN CONTACT & METAL CLEANER 42012

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PRODUCT NUMBER: 42012
D.U.N.S. NUMBER: 00-299-4168

SECTION I. INGREDIENTS

CHEMICAL NAME: DICHLOROFLUORETHANE MIXTURE
CHEMICAL FAMILY: HALOGENATED HYDROCARBON
FORMULA: 53129
SYNONYMS: CONTACT CLEANER
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

BOILING POINT: RANGE 90-180 DEGREES F.
FREEZING POINT: <-20' F
SPECIFIC GRAVITY (H2O =1): .87
WEIGHT PER GALLON @ 60 F.: 7.3
VAPOR PRESSURE OF CONCENTRATE @ 70 F. (MM HG): 10
VAPOR DENSITY (AIR = 1): >1
PERCENT VOLATILE BY WEIGHT: 100
EVAPORATION RATE (MINUTES): EXTREMELY RAPID
APPEARANCE AND ODOR: CLEAR, COLORLESS, SLIGHT ETHEREAL ODOR

SECTION III. HAZARDOUS INGREDIENTS

MATERIAL:	APPROX. WT. %:	CAS NUMBER:	PEL(OSHA)
DICHLOROFLUOROETHANE	80-90	1717-00-6	1000 PPM
PROPANE A-108	10-29	74-98-6	1000 PPM

CONTAINS NO CLASS 1 OZONE DEPLETING CHEMICALS

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE LIMITS IN AIR: LEL: 2.0 UEL: 17.7 (% VOLUME IN AIR)
FLASH POINT: N/A
AEROSOL FLAME PROJECTION TEST: 2" AT 70" F.
EXTINGUISHING MEDIA: DRY CHEMICAL, FOAM, CO2
SPECIAL FIRE FIGHTING PROCEDURES: SELF CONTAINED BREATHING APPARATUS
UNUSUAL FIRE & EXPLOSION HAZARDS: AEROSOLS MAY RUPTURE VIOLENTLY AT TEMPERATURES ABOVE 120' F.

SECTION V. REACTIVITY DATA

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

SECTION VI. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 1000 PPM

- **EFFECTS OF OVEREXPOSURE ***

INGESTION (SWALLOWING): N/A

INHALATION: EXCESSIVE INHALATION CAN PRODUCE DIZZINESS, NAUSEA, 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, APPLY HAND CREAM

INHALATION: REMOVE TO FRESH-AIR LOCATION AWAY FROM EXPOSURE SITE

EYES: RINSE WITH PLENTY COOL CLEAN WATER UNTIL IRRITATION SUBSIDES, CONSULT PHYSICIAN IMMEDIATELY.

SECTION VII. SPILL OR LEAK PROCEDURES

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 MAY BE RECYCLED OR ALTERNATIVELY REMOVED TO A SANITARY LANDFILL IN MOST LOCALITIES. CHECK APPLICABLE REGULATIONS.

SECTION VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): NOT NEEDED WITH ADEQUATE VENTILATION

VENTILATION: ADEQUATE VENTILATION NEEDED

PROTECTIVE GLOVES: NOT NEEDED

EYE PROTECTION: PROPER EYE CARE IS NEEDED IN ALL INDUSTRIAL OPERATIONS

OTHER PROTECTIVE EQUIPMENT: AS SPECIFIED BY YOUR COMPANY

SECTION IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE INDOORS AWAY FROM HEAT SOURCES OR DIRECT SUNLIGHT-BELOW 120° F. DO NOT PUNCTURE OR INCINERATE – DO NOT DROP!!

OTHER PRECAUTIONS: DO NOT SPRAY INTO OPEN FLAME, CONTAINS 141B, A SUBSTANCE WHICH CAN HARM PUBLIC HEALTH AND THE ENVIRONMENT BY DESTROYING OZONE IN THE UPPER ATMOSPHERE. DESTRUCTION OF THE OZONE LAYER CAN LEAD TO INCREASED ULTRAVIOLET RADIATION WHICH, WITH EXCESS EXPOSURE TO SUNLIGHT, CAN CAUSE AN INCREASE IN SKIN CANCER AND EYE CATARACTS.

SECTION X. CARCINOGENIC HAZARD

NO COMPONENT IN THIS PRODUCT HAS BEEN LISTED AS A CARCINOGEN BY IARC, NTP, OSHA, OR ACGI.

SECTION XI. – SARA TITLE III REPORTING

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS REQUIRED TO BE REPORTED UNDER SARA TITLE III, SECTION 313: DICHLOROFLUOROETHANE, CAS #1717-00-6. REPORTING REQUIREMENTS UNDER SECTION 304(CERCLA) ARE 10000 POUNDS OR OVER

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.