

CROWN INDUSTRIAL PRODUCTS CO -- FAULT FINDER PENETRANT #501098 #1098 --
6850-00-145-0255

===== Product Identification =====

Product ID:FAULT FINDER PENETRANT #501098 #1098

MSDS Date:04/18/1988

FSC:6850

NIIN:00-145-0255

Kit Part:Y

MSDS Number: BDCFS

=== Responsible Party ===

Company Name:CROWN INDUSTRIAL PRODUCTS CO

Address:HWY 47 N

Box:350

City:HEBRON

State:IL

ZIP:60034

Country:US

Info Phone Num:800-766-7655

Emergency Phone Num:800-766-7655

CAGE:92381

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Contractor Identification ===

Company Name:CROWN INDUSTRIAL PRODUCTS CO

Address:HWY 47 N

Box:350

City:HEBRON

State:IL

ZIP:60034

Country:US

Phone:815-648-2424

CAGE:92381

===== Composition/Information on Ingredients =====

Ingred Name:POLY(OXY(METHYL-1,2-ETHANEDIYL)),
ALPHA-BUTYL-OMEGA-HYDROXY-/BUTOXYPOLYPROPYLENE GLYCOL

CAS:9003-13-8

RTECS #:TR4680000

Fraction by Wt: 11-30%

Other REC Limits:NONE SPECIFIED

Ingred Name:RESIDUES (PETROLEUM), CATALYTIC REFORMER FRACTIONATOR/HE

AVY
AROMATIC NAPHTHA
CAS:64741-67-9
RTECS #:VG7067000
Fraction by Wt: 31-50%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:200 PPM (PER MFR)

Ingred Name:ALIPHATIC PETROLEUM SOLVENT/KEROSENE/COAL OIL
CAS:8008-20-6
RTECS #:OA5500000
Fraction by Wt: 11-30%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:200 PPM (PER MFR)

Ingred Name:N-METHYLPYRROLIDONE/2-PYRROLIDINONE, 1-METHYL-
CAS:872-50-4
RTECS #:UY5790000
Fraction by Wt: 1-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM (PER MFR)
ACGIH TLV:200
PPM/100 STEL(MFR)

Ingred Name:DICHLORODIFLUOROMETHANE (SARA III)
CAS:75-71-8
RTECS #:PA8200000
Fraction by Wt: 11-30%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS
Ozone Depleting Chemical:1

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL RAT) 11 G/KG(INGR. 1)
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Healt

h Hazards Acute and Chronic:ACUTE-EYES:SEVERE
IRRITATION.SKIN:DRYING.INHALATION:HEADACHE,DIZZINESS, AND
NAUSEA.INGESTION:NOT ESTABLISHED.CHRONIC-SEVERE EYE IRRITANT AND
SEVERE DRYING OF THE SKIN, DEFATTING AND DERMATITIS.
Effects of Overexposure:EYE:IRRITATION. SKIN:DRYING.
INHALATION:HEADACHE,NAUSEA, & DIZZINESS.INGESTION:NOT ESTABLISHED.
Medical Cond Aggravated by Exposure:NOT ESTABLISHED.

===== First Aid Measures =====

First Aid:CALL A
PHYSICIAN.EYE:FLUSH W/WATER 15 MIN,HOLD LIDS
OPEN.SKIN:WASH WITH SOAP & WATER.REMOVE CONTAMINATED CLOTHING AND
LAUNDRER BEFORE REUSE.INHALED:REMOVE TO FRESH AIR.GIVE CPR/OXYGEN IF
NEEDED.INGESTE D:DO NOT INDUCE VOMITING.DRINK PLENTY OF WATER.

===== Fire Fighting Measures =====

Flash Point Method:COC
Flash Point:FLAMMABL AEROSOL
Lower Limits:1.0
Upper Limits:8.0
Extinguishing Media:CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures:FIRE
FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:TREAT AS CYLINDERS OF COMPRESSED GAS.

===== Accidental Release Measures =====

Spill Release Procedures:VENTILATE AREA. REMOVE IGNITION SOURCES. CLEAN
UP WITH INERT MATERIALS. PUT IN DISPOSAL CONTAINER. SEE DISPOSAL
METHOD FOR CONTAINER PRECAUTIONS.
Neutralizing Agen
t:NONE

===== Handling and Storage =====

Handling and Storage Precautions:DO NOT STORE IN DIRECT SUNLIGHT, NEAR
OPEN FLAMES, OR AT TEMPERATURES EXCEEDING 120F. PROTECT CONTAINERS
FROM PHYSICAL DAMAGE.
Other Precautions:DO NOT SMOKE WHILE SPRAYING. KEEP AWAY FROM CHILDREN.
INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING VAPORS AND
INHALING CONTENTS CAN BE HARMFUL OR FATAL.

===== Exposure Controls/Personal Protection =====

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espiratory Protection:RESPIRATORY PROTECTION PROGRAM SHOULD BE IN
ACCORDANCE WITH 29 CFR 1910.134

Ventilation:LOCAL EXHAUST IS NORMALLY ADEQUATE.

Protective Gloves:NEOPRENE OR POLYETHYLENE

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.
INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:WASH SKIN WITH SOAP AND WATER. AVOID
UNNECESSARY CONTACT. WASH THOROUGHLY AFTER USING AND BEFORE EATING
OR DRINKIN

G

Supplemental Safety and Health

KEY1:F1. THIS PRODUCT IS A KIT CONSISTING OF THREE PARTS. DEVELOPER,
PNI C, CLEANER/REMOVER, PNI A, PENETRANT WITH PNI B, SAME NSN.

===== Physical/Chemical Properties =====

HCC:V3

NRC/State Lic Num:NOT RELEVANT

Vapor Pres:2327-2586

Vapor Density:>1

Spec Gravity: