

FORSHAW CROWN CHEMICALS INC,DBA CROWN INDUSTRIES -- PD680 TYPE 2 --
6850-00-274-5421

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

Product ID:PD680 TYPE 2

MSDS Date:01/01/1987

FSC:6850

NIIN:00-274-5421

MSDS Number: BKLPZ

==== Responsible Party ====

Company Name:FORSHAW CROWN CHEMICALS INC,DBA CROWN INDUSTRIES

Address:2380 GRISSOM DR

City:ST. LOUIS

State:MO

ZIP:63146

Country:US

Info Phone Num:314-569-3550

Emer

gency Phone Num:314-569-3550

Preparer's Name:DGSC-SSH

CAGE:57430

==== Contractor Identification ====

Company Name:FORSHAW CROWN CHEMICALS INC,DBA CROWN INDUSTRIES

Address:2380 GRISSOM DRIVE

Box:City:ST. LOUIS

State:MO

ZIP:63146

Country:US

Phone:314-569-3550

CAGE:57430

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

Ingred Name:ALIPHATIC PETROLEUM DISTILLATES

Fraction by Wt: 100%

OSHA PEL:500 PPM

ACGIH TLV:100 MG/M3

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

=====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >25 ML/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:HIGH VAPOR LEVELS MAY CAUSE EYE IRRITATION. THE LIQUID IS SLIGHTLY IRRITATING TO THE SKIN.

PROLONGED OR REPEATED CONTACT CAN RESULT IN DEFATTING AND DRYING WHICH MAY RESULT IN SKIN IRRITATION AND DERM ATITIS. INHALATION OF VAPORS MAY BE IRRITATING TO NOSE & LUNGS. MAY CAUSE CNS DEPRESSION.

INGESTION MAY CAUSE VOMITING

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:EYE, SKIN & RESPIRATORY TRACT IRRITATION.

CENTRAL NERVOUS SYSTEM (CNS) DEPRESSION MAY BE EVIDENCED BY GIDDINESS, HEADACHE, DIZZINESS AND NAUSEA. IN EXTREME CASES, UNCONSCIOUSNESS AND DEATH MAY OCCUR. ASPIRATION OF VOMITUS INTO THE LUNGS MAY CAUSE COUGHING, LABORED BREATHING, CYANOSIS AND IN SEVERE CASES, DEATH.

Medical Cond Aggravated by Exposure:PREEXISTING EYE, SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. GIVE MOUTH-TO-MOUTH RESUSCITATION IF NOT BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. KEEP HEAD BELOW HIPS IF VOMITING OCCURS. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:144F,62C

Lower Limits:1

Upper Limits:7

Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SE

IF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. WEAR
APPROPRIATE RESPIRATOR & PROTECTIVE CLOTHING. SHUT OFF SOURCE OF
LEAK IF SAFE TO DO SO. DIKE TO CONTAIN. REMOVE WITH VACUUM OR PUMP
TO STORAGE/SALVAGE VESSELS. ABSORB RESIDUE WITH INERT MATERIAL.
WATER FLUSH AREA.

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

Handling and Storage Precautions:KEEP LIQUID/VAPOR AWAY FROM HEAT,
SPARKS & FLAME. KEEP CONTAINERS CLOSED WHEN NOT IN USE. USE WITH
ADEQUATE VENTILATION. IGNITED VAPORS MAY EXPLODE.

Other Precautions:"EMPTY" CONTAINERS CAN CONTAIN EXPLOSIVE VAPORS. DO
NOT CUT, DRILL, GRIND, WELD OR PERFORM SIMILAR OPERATIONS ON OR
NEAR CONTAINERS. STAT

ELECTRICITY MAY ACCUMULATE AND CREATE A
FIRE HAZARD. GROUND CONTAINERS, FIXED & TRANSFER EQUIPMENT.

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

Respiratory Protection:AVOID PROLONGED OR REPEATED BREATHING OF VAPORS.
IF EXPOSURE EXCEEDS OCCUPATIONAL EXPOSURE LIMITS, USE A NIOSH/MSHA
APPROVED RESPIRATOR. EITHER AN AIR-SUPPLIED OR AIR-PURIFYING
RESPIRATOR WITH ORGANIC VAPOR CARTRIDGES IS RECOMMENDED.

Ventilation:USE EXPLOSION-PROOF LOCAL AND/OR MECHANICAL
VENTILATION.

AVOID OPEN ELECTRICAL SOURCES NEAR PRODUCT VAPOR AREAS.

Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL

Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD

Other Protective Equipment:INDUSTRIAL WORK CLOTHING TO MINIMIZE
CONTACT. RUBBER APRON AND BOOTS AS REQUIRED. EYE BATH AND SAFETY
SHOWER RECOMMENDED.

Work Hygienic Practices:WASH THOROUGHLY AFTER USING PRODUCT AND BEFORE
EATING, DRINKING OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE
REUSE

Supplemental Safety and Health

UNDER EPA-CWA, THIS PRODUCT IS CLASSIFIED AS AN OIL UNDER SECTION 311.

SPILLS INTO OR LEADING TO SURFACE WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER, 800-424-8802. UNDER EPA-CERCLA, RELEASES TO AIR, LAND OR WATER MAY BE REPORTABLE TO THE NATIONAL RESPONSE CENTER, 800-424-8802.

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

HCC:F4

Boiling Pt:B.P. Text:>376F,>191C

Vapor Pres:0.5

Vapor Density:>

1

Spec Gravity:0.78

Evaporation Rate & Reference:0.08 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR, COLORLESS LIQUID. KEROSENE LIKE ODOR.

Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND

OTHER HYDROCARBON COMPOUNDS DURING COMBUSTION.

===== Disposal Considerations =====

Waste Disposal Methods:IF THIS PRODUCT BECOMES A WASTE MATERIAL, IT WOULD BE AN IGNITABLE HAZARDOUS WASTE, NUMBER D001. REFER TO LATEST EPA OR STATE REGULATIONS REGARDING PROPER DISPOSAL. INCINERATION I/A/W ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for

use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.