

MORTON INTL SPECIALTY CHEMICAL GRP POWDER COATINGS -- NYLON PRIMER 7P-0200 --  
8010-01-120-9501

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

Product ID:NYLON PRIMER 7P-0200

MSDS Date:11/07/1990

FSC:8010

NIIN:01-120-9501

MSDS Number: BJJHT

=== Responsible Party ===

Company Name:MORTON INTL SPECIALTY CHEMICAL GRP POWDER COATINGS

Address:5 COMMERCE DR

Box:1-5240

City:READING

State:PA

ZIP:19612

Country:US

Info P

hone Num:215/775-6737

Emergency Phone Num:215/775-6600

Preparer's Name:OSHA HAZARD COMM COORD

CAGE:LO397

=== Contractor Identification ===

Company Name:MORTON INTERNATIONAL

Box:City:READING

State:PA

ZIP:19612

Country:US

Phone:215/775-6737

CAGE:0ASW6

Company Name:MORTON INTL SPECIALTY CHEMICALS GROUP

Address:333 W WACKER DR

City:CHICAGO

State:IL

ZIP:60606-1292

Country:US

Phone:312-807-3137

CAGE:LO397

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

Ingred Name:SOLVENT MIXTUR

E

Fraction by Wt: >60%

ACGIH TLV:140 PPM

Ingred Name:PHENOLIC RESIN SOLUTION

Fraction by Wt: 10-30%

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 35%

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 15%

OSHA PEL:100 PPM/150 STEL

ACGIH TLV:100 PPM/150STEL;9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL ALC

OHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

Fraction by Wt: 30%

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

Ingred Name:N-PROPYL ACETATE

CAS:109-60-4

RTECS #:AJ3675000

Fraction by Wt: 4%

OSHA PEL:200 PPM/250 STEL

ACGIH TLV:200 PPM/250STEL;9192

Ingred Name:CYCLOHEXANONE (SARA III)

CAS:108-94-1

RTECS #:GW1050000

Fraction by Wt: 7%

OSHA PEL:S, 50 PPM

ACGIH TLV:S, 25 PPM; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fracti

on by Wt: 7%  
OSHA PEL:400 PPM/500 STEL  
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:PHENOL (COMPONENT OF RESIN SOLUTION)  
CAS:108-95-2  
RTECS #:SJ3325000  
Fraction by Wt: 4%  
OSHA PEL:5 PPM (SKIN)  
ACGIH TLV:5 PPM (SKIN)  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:FORMALDEHYDE (SARA III)  
CAS:50-00-0  
RTECS #:LP8925000  
Fraction by Wt: 0.5%  
OSHA PEL:SEE 1910.1048  
ACGIH TLV:C 0.3 PPM; A2; 9293  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:CRESOL, ALL ISOMERS (CRESYLIC ACID) (SARA III)  
CAS:1319-77-3  
RTECS #:GO5950000  
Fraction by Wt: 3%  
OSHA PEL:S, 5 PPM  
ACGIH TLV:S, 5 PPM; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:DIACETONE ALCOHOL (4-HYDROXY-4-METHYL-2-PENTANONE)  
CAS:123-42-2  
RTECS #:SA9100000  
Fraction by Wt: 6%  
OSHA PEL:50 PPM  
ACGIH TLV:50 PPM; 9192

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:YES

IARC:YES OSHA:NO

Health Hazards Acute and Chronic:INHAL:CONC HIGHER THAN OSHA PEL/ACGIH TLV MAY IRRIT RESP TRACT.HEADACHE,DIZZ,NAUSEA,UNCON MAY RESULT FROM EXPOS TO HIGH CONC.INGEST:MAY CAUSE NAUSEA,VOMIT,DIZZ,UNCON.LIQ CAN DEFAT & DRY SKIN.VAP CAN CAUSE EYE IRRIT.CAN CAUSE CNS DEPRESS,MAY CAUSE KIDNEY/LIVER DAMAGE,CAUSES IRRIT OF EYE,SKIN & RESP TRACT.

Explanation of Carcinogenicity:FORMALDEHYDE IS LISTED AS A CARCINOGEN BY IARC,NTP AND ACGIH.

Effects of Overexposure:RE

PEATED AND PROLONGED OVEREXPOSURE TO SOLVENTS MAY CAUSE BRAIN AND NERVOUS SYSTEM DAMAGE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INGEST:IMMED GIVE SEVERAL GLASSES OF H<sub>2</sub>O,DO NOT INDUCE VOMIT.IF VOMIT OCCURS,GIVE FLUIDS AGAIN.HAVE MD DETERM IF CNDTN WILL PERMIT INDUCTION OF VOMIT/EVAC OF STOM. DO NOT GIVE ANYTHING BY MOUTH TO UN CON/CONVULSING PERSON.EYE:FLUSH W/PLENTY OF RUNNING H<sub>2</sub>O FOR 15 MIN.HOLD LIDS APART DURING FLUSHING TO ENSURE RINSE OF ENTIRE SURF OF EYE/LIDS.GET MD IF IRRIT OCCURS. (SEE SUPP DATA)

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

Flash Point:39.2F,4.0C

Lower Limits:1.8

Upper Limits:11.5

Extinguishing Media:CO<sub>2</sub>, DRY CHEMICAL OR FOAM.NFPA CLASSIFIES FLAM LIQS AS CLASS B FIRES.CHECK LBL OF EXTIN/EXTIN AGENT FOR CLASS B RATING.

Fire Fighting Procedures:H<sub>2</sub>O SPRAY MAY BE INEFCT AT EXTIN BURNING LIQ.IF

H<sub>2</sub>O IS ONLY AVAIL EXTIN AGT,FOG NOZZ PREF.H<sub>2</sub>O MAY BE USED TO COOL CLSD CNTRS/PVNT PRES BUILDUP(SEE SUPP DATA)

Unusual Fire/Explosion Hazard:FLAMMABLE.KEEP CNTRS TIGHTLY CLSD.ISOLATE FROM HEAT,SPARKS,ELEC EQUIP,OPEN FLAMES/OTHER IGNIT SOURCES.GROUND CNTRS DURING TRANS OPS TO DISSIPATE STATIC CHARGE.

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

Spill Release Procedures:REMOVE ALL IGNIT SOURCES.VENT AREA & AVOID BRTHNG VAPS. ADD ABSORB MATL TO SPILL AREA

& CAREFULLY SWEEP/SHOVEL

SOLIDS INTO RECEPTACLE FOR PROPER DISPOSAL. RUN OFF INTO WATERWAYS/UNABSORBED LIQ MAY CREATE POTENTIAL HAZ, NOTIFY FIRE & HEALTH AGENCIES.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: DO NOT BREATHE VAPS. AVOID CONTACT. AVOID SOURCES OF INGESTION/EXTREME HEAT. USE ONLY NON-SPARKING TOOLS/EXPLOSION PROOF EQUIP. GROUND CONTAINERS WHEN POURING/TRANSFERRING.

Other Precautions:

STORE IN COOL, WELL VENTILATED AREA AWAY FROM SPARKS AND FLAMES. KEEP CONTAINERS CLOSED. PERSONAL AIR MONITORING/SAMPLING RECOMMENDED TO ENSURE SAFE LEVELS OF HAZARDOUS MATERIALS IN THE WORKPLACE.

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

Respiratory Protection: NIOSH/MSHA APPROVED MECHANICAL FILTER RESPIRATOR TO REMOVE SOLID AIRBORNE PARTICLES. IN AREAS WITH RESTRICTED VENTILATION, NIOSH/MSHA APPROVED CHEMICAL/MECHANICAL FILTER RESPIRATORS TO REMOVE COMBINATION OF PARTICULATES AND ORGANIC VAPOR.

Ventilation: SUFFICIENT EXPLOSION PROOF LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE LEVELS BELOW PEL, TLV VALUES.

Protective Gloves: IMPERMEABLE GLOVES.

Eye Protection: CHEMICAL WORKERS GOGGLES/FACESHIELD

Other Protective Equipment: COVERALLS, SMOCKS, APRONS, SHOES, BOOTS, HATS, TO MINIMIZE CONTACT WITH SKIN & STREET CLOTHING. WASH CONTAMINATED CLOTHING BEFORE REUSE.

Work Hygienic Practices: THOROUGHLY WASH HANDS BEFORE EATING OR SMOKING.

Supplemental Safety and Health

FIRST AID

PROCEDURE FOR SKIN: FLUSH ALL AFFECTED AREAS WITH LARGE AMOUNTS OF WATER FOR 25 MINUTES WHILE REMOVING CONTAMINATED CLOTHING & SHOES. GET MEDICAL ATTENTION IF SKIN IRRITATION OCCURS. WASH CLOTHING BEFORE REUSE. INHALATION: REMOVE TO FRESH AIR. IF BREATHING DIFFICULT, O<sub>2</sub> MAY BE GIVEN. GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION. FIRE FIGHT PROCEDURE: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT.

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

Boiling Point: B.P. Text: 171°F, 77°C

Vapor Pressure: 29.0

Vapor Density: >1.0

Specific Gravity: 0.89

Solubility in Water: MODERATE

Appearance

pearance and Odor: CLEAR LIQUID  
Percent Volatiles by Volume: >90

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

Stability Indicator/Materials to Avoid: YES  
STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: HIGH TEMPERATURES, EXTREME HEAT.

Hazardous Decomposition Products: OXIDES OF CARBON AND NITROGEN, AS WELL  
AS OTHER UNKNOWN PRODUCTS.

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

Waste Disposal Methods: DISPOSE I/A/W FEDERAL, STATE AND LOCAL  
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.