

WARREN PAINT AND COLOR COMPANY -- S14085 TTP91, BROWN 10076 -- 8010-00-597-8199  
===== Product Identification =====

Product ID:S14085 TTP91, BROWN 10076

MSDS Date:04/07/1993

FSC:8010

NIIN:00-597-8199

MSDS Number: BRQPH

=== Responsible Party ===

Company Name:WARREN PAINT AND COLOR COMPANY

Address:700 WEDGEWOOD AVE

City:NASHVILLE

State:TN

ZIP:37203

Country:US

Info Phone Num:615-292-6655

Emergency Pho

ne Num:615-292-6655

CAGE:1J302

=== Contractor Identification ===

Company Name:WARREN PAINT AND COLOR COMPANY

Box:City:NASHVILLE

State:TN

ZIP:37203-5526

Country:US

Phone:615-292-6655

CAGE:1J302

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

Ingred Name:VM&P NAPHTHA (VAPOR PRESSURE 26.9 MM HG @ 100F)

CAS:8030-30-6

RTECS #:DE3030000

Fraction by Wt: 26.09%

Other REC Limits:300.00 PPM

Ingred Name:TOLUENE (SARA III) (VAPOR PRESSURE 55.9 MM HG @ 100F)

CAS:108-88-3

RTECS #:XS52

50000  
Fraction by Wt: 9.27%  
Other REC Limits:200.00 PPM  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:METHYL ETHYL KETONE (SARA III) (VAPOR PRESSURE 155.1 MM HG @ 100F)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 8.69%  
Other REC Limits:200.00 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL N-AMYL KETONE (VAPOR PRESSURE 2.1 MM HG @ 20C)  
CAS:110-43-0  
RTECS #:MJ5075000  
Fraction by Wt: 7.02%  
Other REC Limits:NONE SPECIFIED

Ingred Name:XYLENE (SARA III) (VAPOR PRESSURE 21.2 MM HG @ 100F)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 1.87%  
Other REC Limits:100.00 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:MINERAL SPIRITS (VAPOR PRESSURE 6.2 MM HG @ 100F)  
CAS:64475-85-0  
RTECS #:PY8240000  
Fraction by Wt: 0.34%  
Other REC Limits:500.00 PPM

Ingred Name:VOLATILE ORGANIC COMPOUNDS: 4.68 ?  
RTECS #:9999999VO  
Other REC Limits:NONE SPECIFIED

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

=====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:INHALATION: DIZZINESS, BREATHING  
DIFFICULTY, HEADACHE, AND LOSS OF COORDINATION. EYE CONTACT: SEVERE  
IRRITATION, TEARING, REDNESS, AND BLURRED VISION. SKIN CONTACT: CAN  
DRY AND DEFAT SKIN CAUSING CRACKS, IRRITATION, AND DERMATITIS.  
INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA,  
AND DIARRHEA.  
Medical Cond Aggravated by Exposure:ANESTHESIA, RESPIRATORY TRACT

IRRITATION, DERMATITIS, NAUSEA, VOMITING.

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

First Aid:INHALATION OVEREXPOSURE: MOVE PERSON TO FRESH AIR. IF  
BREATHING STOPS, APPLY ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE  
MEDICAL ATTENTION. EYE CONTACT: FLUSH WITH LARGE QUANTITIES OF  
WATER FOR 15 MINUTES. SKIN CONTACT: WASH THOROUGHLY WITH SOAP AND  
WATER AND SEE A DOCTOR. INGESTION: DO NOT INDUCE VOMITING, CAN  
CAUSE CHEMICAL PNEUMONITIS AND PULMONARY  
EDEMA. CONTACT PHYSICIAN  
IMMEDIATELY.

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

Flash Point Method:TCC  
Flash Point:28.0F,-2.2C  
Extinguishing Media:FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG,  
OTHER  
Fire Fighting Procedures:RESPIRATORY EQUIPMENT SHOULD BE WORN TO AVOID  
INHALATION OF CONCENTRATED VAPORS. WATER SHOULD NOT BE USED EXCEPT  
AS FOG TO KEEP NEARBY CONTAINERS COOL.  
Unusual Fire/Explosion Hazard:HANDLE AS COMBUSTIBLE MATERIAL. VAPOR  
FORM EXPLOSIVE MIX IN AIR BETWEEN VAPOR & LOWER EXPLOSION LIMITS  
WHICH CAN BE IGNITED BY IGNITION SOURCES.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. PROVIDE GOOD  
VENTILATION. DIKE SPILL AREA AND ADD ABSORBENT EARTH OR SAWDUST TO  
APPLIED LIQUID

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

Handling and Storage Precautions:USE NON-SPARKING UTENSILS WHEN  
HANDLING THIS MATERIAL. AVOID

ID HOT METAL SURFACES. USE IN COOL,  
WELL-VENTED AREA. KEEP CONTAINER CLOSED WHEN NOT IN USE.  
Other Precautions:KEEP AWAY FROM EXCESSIVE HEAT AND OPEN FLAMES.  
SMOKING IN AREAS WHERE THIS MATERIAL IS USED SHOULD BE STRICTLY  
PROHIBITED.

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

Respiratory Protection:WHEN SPRAYING, USE NIOSH CARTRIDGE  
RESPIRATOR/GAS MASK SUITABLE TO KEEP AIRBORNE MIST/VAPOR  
CONCENTRATIONS BELOW LIMITS. WHEN USING IN POORLY VENTED & CO  
NFINED  
AREA, USE FRESH AIR SUPPLYING RESPIRATOR OR SELF-CONTAINED  
BREATHING APPARATUS.

Ventilation:USE GENERAL MECHANICAL VENT/LOCAL EXHAUST TO KEEP  
CONCENTRATIONS BELOW TLV. USE EXPLOSION PROOF VENT EQUIPMENT.

Protective Gloves:IMPERMEABLE CHEMICAL HANDLING GLOVES

Eye Protection:CHEM SAFETY GLASSES, GOGGLES, FACESHIELD

Other Protective Equipment:USE IMPERMEABLE APRONS AND PROTECTIVE  
CLOTHING WHENEVER POSSIBLE TO PREVENT SKIN CONTACT. USE HEADCAPS  
WHEN POSSIBLE

Work Hygienic

Practices:EYE WASHES AND SAFETY SHOWERS IN THE WORKPLACE  
IS RECOMMENDED.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:172 TO 307F

Vapor Density:> AIR

Evaporation Rate & Reference:9.36 (ETHYL ETHER=1)

Percent Volatiles by Volume:71.05

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

Stability Indicator/Materials to Avoid:YES

ALKALINE MATERIALS, STRONG ACIDS, AND OXIDIZING MATERIALS.

Stability Condition to Avoid:EXCESSIVE HEAT, POOR VENTILATION,  
CORROSIVE ATMOSPHERES, EXCESSIVE AGING.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,  
OXIDES OF NITROGEN.

Conditions to Avoid Polymerization:EXCESSIVE HEAT, POOR VENTILATION,  
CORROSIVE ATMOSPHERES, EXCESSIVE AGING.

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

Waste Disposal Methods:COLLECT ABSORBENT/SPILLED LIQUID MIXTURE INTO  
METAL CONTAINERS. CONSULT LOCAL, STATE, & FEDER

AL HAZARDOUS WASTE

REGULATIONS BEFORE DISPOSING INTO APPROVED HAZARDOUS WASTE  
LANDFILL. OBEY RELEVANT LAWS.

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.