

RUST-OLEUM CORP -- INDUSTRIAL ENAMEL, 412 -- 8010-00-347-4821

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

Product ID:INDUSTRIAL ENAMEL, 412

MSDS Date:11/13/1992

FSC:8010

NIIN:00-347-4821

MSDS Number: CDVJJ

=== Responsible Party ===

Company Name:RUST-OLEUM CORP

Address:11 HAWTHORN PARKWAY

City:VERNON HILLS

State:IL

ZIP:60061

Country:US

Info Phone Num:708-367-7700

Emergency Phone Num:708-367-7700

CAGE:08882

=== Contractor Identification ===

Company Name:RUST-OLEUM CORP

Address:11 HAWTHORN PARKWAY

Box:City:VERNON HILLS

State:IL

ZIP:60061-1583

Country:US

Phone:847-367-7700

CAGE:08882

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

Ingred Name:STODDARD SOLVENT; (MINERAL SPIRITS). VP:2 @ 20C. LEL:1%.

CAS:8052-41-3

RTECS #:WJ8925000

Fraction by Wt: 30-55%

OSHA PEL:500 PPM

ACGIH TLV:100 PPM

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

LD50 LC50 Mixture:NON

E SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:ACUTE:INHALATION:HARMFUL IF INHALED.

MAY AFFECT BRAIN AND NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE AND NAUSEA. REPEATED OVEREXPOSURES MAY LEAD PROGRESSIVELY TO STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS OR COMA. CAUSES NOSE AND THROAT IRRITATION. SKIN OR EYE CONTACT:CAUSES IRRITATION WHICH CAN LEAD (EFT

S OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ:TO DERMATITIS WITH REPEATED

OVEREXPOSURES. INGESTION:MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. CHRONIC:REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHAL:REMOVE FROM EXPOSURE, RESTORE BREATHING & NOTIFY MD. EYES:FLUSH IMMEDIATELY W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. NOTIFY MD. SKIN:WASH AFFECTED AREA W/SOAP & WATER, REMOVE CONTAM CLOTHING & WASH BEFORE REUSE. INGEST:DO NOT INDUCE VOMITING. KEEP PERSON WARM, QUIET & GET MEDICAL ATTENTION. ASPIRATION OF THIS MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

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

Flash Point Method:TCC

Flash Point:104F,40C

Lower Limits:SEE ING

Extinguishing Media:NFPA CLASS B EXTINGUISHERS (CARBON DIOXIDE, DRY CHEMICAL OR FOAM).

Fire Fighting Procedures:USE NIOSH APPRVD SCBA & FULL PROT EQUIP .

WATER SPRAY MAY BE INEFT. WATER MAY BE USED TO COOL CLSD CNTNRS TO PVNT PRESS BUILD-UP & POSS AUTOIGNIT/(SUPDAT)

Unusual Fire/Explosion Hazard:COMBUST LIQ - OSHA CLASS II. KEEP CNTNRS TIGHTLY CLSD. ISOLATE FROM HEAT, ELEC EQUIP, SPKS & OPEN FLAME.

CLSD CNTNRS MAY EXPLODE WHEN EXPOS TO EXTREME (SUPDAT)

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION, VENTILATE AREA & REMOVE W/INERT ABSORBENT & NONSPARKING TOOLS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT STORE ABOVE 120F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED & PROTECTED FOR STORAGE OF NFPA

CLASS II COMBUSTIBLE LIQUIDS.

Other Precautions:CONTAINERS SHOULD BE GROUNDED WHEN POURING. EMPTY CONTAINERS MAY BE HAZARDOUS.

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

Respiratory Protection:USE NIOSH APPROVED CHEMICAL CARTRIDGE RESPIRATOR (TC23C) TO REMOVE SOLID AIRBORNE PARTICLES OF OVERSPRAY & ORGANIC VAPORS DURING SPRAY APPLICATION. IN CONFINED AREAS:USE NIOSH APPROVED SUPPLIED-AIR RE SPIRATORS OR HOODS (TC19C).

Ventilation:PROVIDE GENERAL DILUTION OR LOCAL EXHAUST VENT IN VOLUME & PATTERN TO KEEP TLV OF HAZ INGS BELOW ACCEPTABLE LIMITS.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .

Other Protective Equipment:ANSI APPROVED EYE WASH FOUNTAIN & DELUGE SHOWER . USE IMPERVIOUS CLOTHING TO PREVENT PROLONGED SKIN CONTACT.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRE FIGHT PROC:EXPLOSION. IF WATER IS USED, FOG NOZZLES ARE PREFERRED.

EXPLO HAZ:HEAT. DO NOT APPLY TO HOT SURFACES.

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

Boiling Pt:B.P. Text:>307F,>153C

Vapor Pres:SEE ING

Vapor Density:HVR/AIR

Spec Gravity:0.9-1.32

Evaporation Rate & Reference:SLOWER THAN ETHER

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume:51-66

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

Stability Indicator/Materials to Avoid:YES
INCOMPATIBLE W/STRONG OXIDIZING AGEN

TS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:BY OPEN FLAME - CARBON MONOXIDE &
CARBON DIOXIDE.

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

Waste Disposal Methods:DISPOSE OF ACCORDING TO LOCAL, STATE & FEDERAL
REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.

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.