

R AND D METALS AND CHEMICALS INC -- #611 ROSIN FLUX -- 3439-01-007-5494

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Product Identification
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Product ID:#611 ROSIN FLUX

MSDS Date:05/25/1995

FSC:3439

NIIN:01-007-5494

Status Code:A

MSDS Number: CKVZG

=== Responsible Party ===

Company Name:R AND D METALS AND CHEMICALS INC

Address:201 PERIMETER PK SUITE C

Box:22533

City:KNOXVILLE (FORMALLY IN PLAINVIEW,NY)

State:TN

ZIP:37922

Country:

US

Info Phone Num:423-531-6065

Emergency Phone Num:423-531-6065

CAGE:KO887

=== Contractor Identification ===

Company Name:R AND D METALS AND CHEMICALS INC

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Composition/Information on Ingredients
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Ingred Name:ISOPROPYL ALCOHOL

CAS:67-63-0

RTECS #:NT8050000

Minumum % Wt:55.

Maxumum % Wt:65.

OSHA PEL:980 MG/M3;400 PPM

ACGIH T

LV:983 MG/M3;400 PPM
ACGIH STEL:1230 MG/M3;500 PPM

Ingred Name:ROSIN
CAS:8050-09-7
RTECS #:VL0480000
Minumum % Wt:30.
Maxumum % Wt:40.
Other REC Limits:0.01 MG/M3

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION: EXPOSURE TO ROSIN FUME MAY CAUSE DIZZINESS AND HEADACHE. MAY ALSO CAUSE ALLERGIC REACTION SUCH AS RASH OR SORE THROAT AND RESPIRATORY IRRITATION IN SENSITIVE

PERSONS. INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. SKIN: PROLONGED OR REPEATED CONTACT CAN CAUSE DEFATTING DERMITITIS. EYES: POSSIBLE IRRITATION, TEARING, BLURRED VISION. CHRONIC TOXICITY: OV EREXPOSURE TO ISOPROPYL ALCOHOL HAS BEEN SUGGESTED AS A POSSIBLE CAUSE OF KIDNEY DAMAGE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: EXPOSURE TO ROSIN FUME MAY CAUSE DIZZINESS AND HEADACHE. MAY ALSO CAUSE ALLERGIC REACTION SUCH AS

RASH OR SORE THROAT AND RESPIRATORY IRRITATION IN SENSITIVE PERSONS. INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. SKIN: PROLONGED OR REPEATED CONTACT CAN CAUSE DEFATTING DERMITITIS. EYES: POSSIBLE IRRITATION, TEARING, BLURRED VISION. CHRONIC TOXICITY: OV EREXPOSURE TO ISOPROPYL ALCOHOL HAS BEEN SUGGESTED AS A POSSIBLE CAUSE OF KIDNEY DAMAGE.

Medical Cond Aggravated by Exposure:NOT PROVIDED

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

First Aid:INHALATION: IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. INGESTION: CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH IF U NCONSCIOUS. SKIN: WASH EXPOSED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. EYES: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION.

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===== Fire Fig =====

hting Measures =====

Flash Point Method:TCC

Flash Point:=17.C, 62.6F

Lower Limits:2.0

Upper Limits:12.0

Extinguishing Media:CARBON DIOXIDE OR DRY CHEMICAL

Fire Fighting Procedures:USE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS IN ENCLOSED AREA.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:KEEP AWAY FROM POTENTIAL IGNITION SOURCES.

VENTILATE IF IN ENCLOSED AREA. ADD ABSORBENT AND SCOOP INTO

APPROPRIATE CONTAINER. TRANSFER TO HOOD AND EVAPORATE OR SEAL FOR WASTE DISPOSAL.

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

Handling and Storage Precautions:OBSERVE PRECAUTIONS FOR FLAMMABLE LIQUID. KEEP CONTAINER CLOSED IF NOT IN USE. STORE AWAY FROM IGNITION SOURCES. STORE IN COOL DRY AREA. STORE IN AREA WITH ADEQUATE VENTILATION. READ ALL CONTAINER LABELING. AVOID USE OF BRASS DRUM SPIGOTS. USE POLYETHYLENE, POLYPROPYLENE, TEFLON OR STAINLESS STEEL.

Other Precautions:SINCE EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUES (VAPOR, LIQUID OR SOLID) ALL LABELED HAZARD PRECAUTIONS MUST BE OBSERVED. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

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

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS.

Ventilation:LOCAL EXHAUST AND GENERAL MECHANICAL

Protective Gloves:RESISTANT SUCH AS RUBBER, NEOPRENE OR PLASTIC

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE BATH CLOSE BY IS RECOMMENDED.

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:=82.2C, 180.F

Vapor Pres:33

Vapor Density:1

Spec Gravity:0.896

Evaporation Rate & Reference:2.8

Solubility in Water:SLIGHT

Appearance and Odor:CLEAR, AMBER COLORED LIQUID; NON-RESIDUAL ODOR

Percent Volatiles by Volume:

63%

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid: HEAT, SPARKS, OPEN FLAMES

Hazardous Decomposition Products: CARBON DIOXIDE AND CARBON MONOXIDE

===== Toxicological Information =====

Toxicological Information: NOT PROVIDED

===== Ecological Information =====

Ecological: NOT PROVIDED

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

Waste Disposal Methods: DESTROY BY APPROVED INCINERATION OR DEPOSIT IN APPROVED LANDFILL. MUST BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

===== MSDS Transport Information =====

Transport Information: NOT PROVIDED. SEE TRANSPORTATION DATA.

===== Regulatory Information =====

Federal Regulatory Information: NOT PROVIDED

State Regulatory Information: NOT PROVIDED

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