

DURAL CO INC -- NO. 2672-5 CONTACT CEMENT -- 5330-01-268-7590

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

Product ID:NO. 2672-5 CONTACT CEMENT

MSDS Date:01/03/1994

FSC:5330

NIIN:01-268-7590

Kit Part:Y

MSDS Number: CGMKM

=== Responsible Party ===

Company Name:DURAL CO INC

Address:5724 W FLORIST AVE

City:MILWAUKEE

State:WI

ZIP:53218-1623

Country:US

Info Phone Num:414-466-7060

Emergency Phone Num:414-466-7060

CAGE:25999

=== Contractor Identification ===

Company Name:DURAL CO INC

Address:5724 W. FLORIST AVE

Box:City:MILWAUKEE

State:WI

ZIP:53218

Country:US

Phone:414-466-7060

CAGE:25999

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

Ingred Name:HEXANE (N-HEXANE) (CERCLA)

CAS:110-54-3

RTECS #:MN9275000

Fraction by Wt: 60%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:500 PPM

ACGIH TLV:50 PPM; 9596

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:TOLUENE (SARA 313) (CERCLA)

CAS:108-88-

3

RTECS #:XS5250000

Fraction by Wt: 20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM; Z-2

ACGIH TLV:S, 50 PPM; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:NEOPRENE (MFR GAVE CAS# 14807-96-6 WHICH IS TALC)

CAS:9010-98-4

RTECS #:EI9640000

Fraction by Wt: 10%

Other REC Limits:NONE RECOMMENDED

Ingred Name:PHENOLIC RESIN

CAS:28085-50-1

Fraction by Wt: 10%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:

NONE 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:EYE CONTACT CAN CAUSE SEVERE IRRITATION. SKIN PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE MODERATE IRRITATION OR DERMATITIS. INHALATION MAY CAUSE CNS DEPRESSION, NASAL & RESPIRATORY IRRITATION. INGESTION MAY CAUSE GI TRACT IRRITATION. ASPIRATION MAY CAUSE CHEMICAL PNEUMONITIS.

Explanation of Carcinogenicity:

NO INGREDIENT OR A CONCENTRATION OF 0.1%

OR GREATER IS LISTED BY NTP, IARC OR REGULATED BY OSHA AS A CARCINOGEN.

Effects of Overexposure:EYES-REDNESS, TEARING, BLURRED VISION.

SKIN-IRRITATION, DEFATTING, DERMATITIS. INHALED-NASAL & RESPIRATORY IRRITATION, DIZZINESS, NAUSEA, FATIGUE, HEADACHE & POSSIBLE UNCONSCIOUSNESS, DEATH. INGESTED- GI TRACT IRRITATION, VOMITING, DIARRHEA.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

=====
===== F

First Aid Measures =====

First Aid:EYES-FLUSH WITH WATER FOR AT LEAST 15 MINUTES, LIFT LIDS. GET MEDICAL ATTENTION. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP & WATER. INHALED-REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF BREATHING STOPPED. GIVE OXYGEN IF BREATHING DIFFICULT. GET MEDICAL ATTENTION. INGESTED-DO NOT INDUCE VOMITING! GET MEDICAL ATTENTION.

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

Flash Point Method:TO
C

Flash Point:-25F,-32C

Lower Limits:1.0

Extinguishing Media:REGULAR FOAM OR CARBON DIOXIDE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL FIREFIGHTERS PROTECTIVE GEAR. COOL CONTAINERS EXPOSED TO FIRE WITH WATER.

Unusual Fire/Explosion Hazard:MATERIAL IS HIGHLY VOLATILE, VAPORS TRAVEL ALONG GROUND TO DISTANT IGNITION SOURCE AND FLASHBACK.

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

Spill Release Procedures:ABSORB ON PAPER, VERMICULITE, FLOOR ABSORBENT

OR OTHER ABSORBENT MATERIAL AND TRANSFER TO HOOD.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE AWAY FROM SOURCES OF IGNITION AND STRONG OXIDIZING AGENTS.

Other Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED SINCE EMPTIED CONTAINERS MAY RETAIN PRODUCT RESIDUES (VAPOURS, LIQUID, AND/OR BOTH). ALL HAZARD PRECAUTIONS GIVEN IN THIS MSDS MUST BE OBSERVED FOR EMPTY CONTAINERS.

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

Respiratory Protection:IF AN EMERGENCY OR UNUSUAL PROCEDURE OCCURS, USE APPROPRIATE RESPIRATORY PROTECTION AS REQUIRED. USE/WEAR IAW 29 CFR 1910.134.

Ventilation:PROVIDE SUFFICIENT EXPLOSION-PROOF MECHANICAL VENTILATION (GENERAL/LOCAL) TO MAINTAIN LEVELS BELOW PEL/TLV(S).

Protective Gloves:IMPERVIOUS SUCH AS NITRILE, RUBBER.

Eye Protection:S

SAFETY GLASSES/CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:IMPERVIOUS CLOTHING & BOOTS. DLA-HMIS: EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:WASH WITH SOAP & WATER BEFORE EATING, DRINKING, SMOKING OR USING THE TOILET. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:100F,38C

Vapor Pres:145

Vapor Density:3.0

Spec Gravity:0.872

Evaporation Ra

te & Reference:7.0 (N-BUTYL ACETATE=1)

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume:100%

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE, VARIOUS HYDROCARBONS, ETC.

Conditions to Avoid Polymerization:CANNOT OCCUR.

===== D

Disposal Considerations =====

Waste Disposal Methods:CONTAMINATED ABSORBENT MAY BE DISPOSED OF IN A LANDFILL IAW 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.