

MSDS--DERMACOAT-AEROSOL  
MATERIAL SAFETY DATA SHEET DERMACOAT AEROSOL

DATE OF ISSUE: 01/29/1996  
SUPERCEDES: 07/13/1995

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SECTION I - GENERAL INFORMATION

Chemical Name & Synonyms: Trade Name & Synonyms:  
N/A DERMACOAT AEROSOL

Chemical Family: Formula Mixture:  
AQUEOUS SILICONE SOLUTION X

Manufacturer's Name:  
KERNITE, DIVISION OF NCH CORP.

Address:  
P.O. BOX 152125  
IRVING, TEXAS 750152125  
Prepared By: L DEYOUNG/CHEMIST  
Product Code Number: 5082  
Emergency Phone Number: 800-424-9300

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SECTION II - HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS:

Chemical Name (Ingredients): GLYCEROL  
Hazard: IRRITANT  
TLV: 10 MG/M3 1  
PEL: 5 MG/M3 2  
STEL: NOT EST.  
CAS#: 56-81-5

Chemical Name (Ingredients): ISOBUTANE  
Hazard: FLAM/IRR  
TLV: NOT EST. 1  
PEL: NOT EST. 2  
STEL: NOT EST.  
CAS#: 75-28-5

Chemical Name (Ingredients): PROPANE  
Hazard: FLAM/ASPHY  
TLV: 1000 PPM 1  
PEL: 1000 PPM 2  
STEL: NOT EST.  
CAS#: 74-98-6

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Chemical Name (Ingredients): N-BUTANE  
Hazard: FLAMMABLE  
TLV: 800 PPM 1  
PEL: 800 PPM 2  
STEL: NOT EST.  
CAS#: 106-97-8

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SECTION III - PHYSICAL DATA

Boiling Point (f): 212  
Specific Gravity (H2O=1): 0.985  
Vapor Pressure (MM HG): 18  
Color: WHITE  
Vapor Density (Air=1): 0.6  
Odor: FLORAL  
PH @ 100%: 8.7  
Clarity: OPAQUE  
Volatile by Volume: 88  
Evaporation Rate (BU A/C=1): 0.10  
H2O Solubility: COMPLETE  
Viscosity: VISCOUS

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SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point: NON-FLAM /  
Flammable Limits: N/A LEL: N/A UEL:N/A

Extinguishing Media:

Foam: X Alcohol Foam: X CO2: X  
Dry Chemical: X Water Spray: X Other: X

Special Fire Fighting Procedures:

FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. EXTINGUISHING MEDIA SHOULD BE CHOSEN BASED ON THE NATURE OF THE SURROUNDING FIRE.

Unusual Fire and Explosion Hazards:

AS WITH ALL AEROSOL CONTAINERS, WATER SPRAY SHOULD BE USED TO COOL EXPOSED CANS TO PREVENT BURSTING.

Aerosol Level (NFPA 30B): 1  
NFPA 704 Hazard Rating:  
(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

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Health: 1      Flammability: 1      Instability: 0      Special:

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SECTION V - HEALTH HAZARD DATA

Threshold Limit Value:

NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

Effects of Overexposure:

-Acute(Short Term Exposure)

EYE CONTACT: CAUSES IRRITATION SEEN AS ITCHING AND REDNESS. COMPRESSED LIQUID MAY CAUSE FREEZE BURNS. INHALATION: MAY CAUSE IRRITATION SEEN AS COUGHING AND SNEEZING. EXTREMELY HIGH CONCENTRATIONS MAY CAUSE AN ESTHETIC EFFECTS, DISORIENTATION, LACK OF COORDINATION, RAPID RESPIRATION, HEADACHE AND NAUSEA. INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION SEEN AS NAUSEA, VOMITING AND DIARRHEA. SKIN CONTACT: MAY CAUSE IRRITATION TO SENSITIVE SKIN.

-Chronic (Long Term Exposure)

NO CHRONIC EFFECTS ARE KNOWN. TARGET ORGANS: NONE KNOWN. ALTHOUGH THERE IS NO PRIMARY ROUTE OF ENTRY INTO THE BODY, THE PRIMARY ROUTE OF EXPOSURE IS SKIN AND EYE CONTACT. MEDICAL CONDITIONS AGGRAVATED: NONE KNOWN.

Primary Routes of Entry:    Inhalation:            Ingestion:            Absorption:

Emergency and First Aid Procedures:

-Inhalation:

REMOVE FROM THE AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT.

-Eye Contact:

IMMEDIATELY RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING FOR AT LEAST 15 MINUTES. HOLD THE EYELIDS APART TO ENSURE RINSING OF THE ENTIRE SURFACE OF THE EYES AND LIDS WITH WATER. GET IMMEDIATE MEDICAL ATTENTION.

-Skin Contact:

WASH AFFECTED AREAS WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

-Ingestion:

GIVE 3 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. GET IMMEDIATE MEDICAL ATTENTION IF DISCOMFORT OCCURS.

-Notes to Physician:

N/A

## SECTION VI - TOXICITY INFORMATION

IARC: No                      NTP: No                      OSHA: No  
ACGIH: No                      OTHER: No

GLYCEROL

SKN-RBT	500 MG/24H	MLD	3.
EYE-RBT	500 MG/24H	MLD	3.
ORL-MUS	LD50:	4090 MG/KG	3.

## ISOBUTANE

NO DATA ARE AVAILABLE.

## PROPANE

NO DATA ARE AVAILABLE.

## N-BUTANE

IHL-RAT LC50: 658 G/M3/4H 3.  
IHL-MUS LC50: 680 G/M3/2H 3.

## SECTION VII - REACTIVITY DATA

Stability:                      Stable: X                      Unstable:

Conditions to Avoid: N/A

Incompatibility (Materials to Avoid):  
STRONG OXIDIZERS.

Hazardous Decomposition Products:  
OXIDES OF CARBON.

Hazardous Polymerization:

May Occur: Will Not Occur: X

Conditions to Avoid: N/A

## SECTION VIII - SPILL OR LEAK PROCEDURES

Steps to be Taken if Material is Released or Spilled:

AEROSOL PACKAGE, SO SPILL UNLIKELY. IF SPILLS OCCUR, WIPE UP MATERIAL AND PLACE IN A PROPERLY LABELED CONTAINER FOR DISPOSAL. WASH AREA WITH SOAP AND WATER.

Waste Disposal Method(s):

DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATION

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S. TYPICAL DISPOSAL IS TO WRAP THE EMPTY AEROSOL CONTAINER IN SEVERAL LAYERS OF NEWSPAPER AND DISPOSE OF IN THE TRASH.

Neutralizing Agent:  
N/A

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SECTION IX - SPECIAL PROTECTION INFORMATION

Required Ventilation:

GENERAL MECHANICAL VENTILATION IS NORMALLY ADEQUATE. LOCAL EXHAUST IS RECOMMENDED IF PRODUCT IS HEATED OR IF FUMES ARE PRODUCED.

Respiratory Protection:

NONE REQUIRED UNDER NORMAL CONDITIONS OF USE.

Glove Protection:

NONE REQUIRED.

Eye Protection:

SAFETY GLASSES WITH SIDE SHIELDS IF THE METHOD OF USE PRESENTS THE LIKELIHOOD OF EYE CONTACT.

Other Protection:

WEAR GENERAL DUTY WORK CLOTHING AND SHOES.

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SECTION X - STORAGE AND HANDLING INFORMATION

Storage Temperature:	Indoors: X	Outdoors:
Heated:	Refrigerated:	

Minimum Temperature: 30 F. Maximum Temperature: 100 F.

Precautions to be taken in Handling and Storing:

STORE AT TEMPERATURES BELOW 120 F. TO AVOID BURSTING OF THE CONTAINERS. AVOID CONTACT WITH THE EYES.

Other Precautions:

KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING PRODUCT THIS PRODUCT.

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SECTION XI - REGULATORY INFORMATION

Chemical Name	CAS Number	Upper % Limit
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Those Ingredients listed above are subject to the reporting requirements of 313 of Title III and of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

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SECTION XII - REFERENCES

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 1994-1995.
2. OSHA PEL.
3. SAX'S DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, EIGHTH EDITION  
' RICHARD J. LEWIS, SR.

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