FEB 09 1982

DPM5372

DeSoto, Inc.

MATERIAL SAFETY DATA SHEET

NPCA 1-72

FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor, "Essentially Similar" to Form OSHA-20)

DATE OF PREP. 8/10/76

Section I

DeSoto, Inc.

Administrative and Research Center 1700 SOUTH MT. PROSPECT ROAD, DES PLAINES, ILLINOIS 60018

EMERGENCY TELEPHONE 312-~~296-6611~~ 391-9000

PRODUCT CLASS Aliphatic polyisocyanate

MANUFACTURERS CODE IDENTIFICATION

TRADE NAME Super DeSothane

910-730
Activator

Section II — HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	TLV PPM	TLV mg/M³	LEL	VAPOR PRESSURE @20°C, mm
Cellosolve Acetate	10	100	540	1.8	2.0
Methyl Ethyl Ketone	30	200	590	1.8	70
Xylene	10	100	435	1.1	10
Aliphatic polyisocyanate	50	not established*		ND	<0.1

CONFIDENTIAL INFORMATION

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* 0.02 ppm ceiling recommended

NA = Not Applicable

Section III — PHYSICAL DATA

BOILING RANGE 176-313°F
80-156°C

VAPOR DENSITY [X] HEAVIER, [ ] LIGHTER, THAN AIR

EVAPORATION RATE [ ] FASTER [X] SLOWER, THAN ETHER

PERCENT VOLATILE BY VOLUME 51.4

WEIGHT PER GALLON 8.1 lbs.

Section IV — FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY Flammable

FLASH POINT 22°F (Closed Cup)
-5°C

LEL See II

EXTINGUISHING MEDIA Use National Fire Protection Association Class B extinguishers (Carbon dioxide, dry chemical or foam)

UNUSUAL FIRE AND EXPLOSION HAZARDS Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat. Do not apply to hot surfaces.

SPECIAL FIRE FIGHTING PROCEDURES Water spray may be ineffective. Water may be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat. If water is used fog, nozzles are preferable.

Section V — HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE See II (Not Established for Product)

EFFECTS OF OVEREXPOSURE Inhalation: Anesthetic. Irritation of the respiratory tract or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion, unconsciousness or coma. Others as noted in Sec. IX.

Skin or Eye Contact: Primary Irritation.

EMERGENCY AND FIRST AID PROCEDURES Inhalation: Remove from exposure. Restore breathing. Keep warm and quiet. Notify a physician. Skin Contact: Wash affected areas with water. Remove contaminated clothing. Consult a physician. Eye Contact: Flush with water for 15 minutes. Consult a physician.

Section VI — REACTIVITY DATA

STABILITY [ ] UNSTABLE [X] STABLE CONDITIONS TO AVOID

INCOMPATABILITY (*Materials to avoid*)

HAZARDOUS DECOMPOSITION PRODUCTS

Products of combustion are hazardous.

HAZARDOUS POLYMERIZATION [ ] MAY OCCUR [X] WILL NOT OCCUR

CONDITIONS TO AVOID

Section VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Remove all sources of ignition. Avoid breathing vapors. Ventilate area. Remove with inert absorbent and non-sparking tools.

WASTE DISPOSAL METHOD Dispose in accordance with local, state and federal regulations. Incinerate in approved facility. Do not incinerate closed containers.

Section VIII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION In outdoor or open areas use NIOSH approved mechanical filter respirator.

In restricted ventilation areas use NIOSH approved chemical-mechanical filters.

In confined areas use NIOSH approved air line type respirators or hoods.

VENTILATION Where employees may be exposed, provide general dilution or local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients in Section II below recommended (ACGIH) or regulated (OSHA) limit. Where employees will not be exposed, keep LEL in Section II below 25% of limit.

PROTECTIVE GLOVES X Recommended; ___ Required

EYE PROTECTION Use safety eyeware designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT Prevent prolonged skin contact with contaminated clothing.

Section IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Do not store above 120°F. Store large quantities in buildings designed and protected for storage of flammable liquids.

OTHER PRECAUTIONS Do not take internally. Containers should be grounded when pouring. Avoid free fall of liquid in excess of a few inches. Do not sand, flame cut, braze or weld without NIOSH approved respirator or appropriate ventilation. Observe container precautionary label warnings.

Inhalation of isocyanates can cause allergic sensitization. Symptoms may include mucous membrane irritation, tightness of chest, irritation of respiratory tract, coughing, headache and shortness of breath. Asthma-like attacks may follow. See Section VIII instructions.

DPM 5372

Barrier, Coating, Polyurethane

DeSoto, Inc.
CHEMICAL COATINGS DIVISION
FOURTH & CEDAR STREETS, BERKELEY, CALIFORNIA 94710 TELEPHONE 415-526-1525

July 12, 1978

Mr. M. J. Veneroso, Dept. C1-725 (52-11)
Douglas Aircraft Co.
3855 Lakewood Blvd.,
Long Beach, CA. 90846

Ref. C1-725-90

Dear Mr. Veneroso:

In response to your letter dated July 5th requesting information on materials supplied you, we advise as follows. The closed cup method on each is Serta Flash.

1) Paint, Enamel, Lacquer, Stain Shellac, Varnish, Aluminum, Bronze, Gold, Wood Filler, Liquid
IATA Art. #1343 Hazard Class is : Flammable Liquid

GPL 1690	#204-001	Phenolic Primer	f.p. 55°
DPM 3025 ★	#910-758	Catalyst	30°... Inactive
DPM 5372	#820-732	Clear, Flat Enamel	28°
	#910-730	Curing Solution	30°
DPM 5748	#513-009	Primer, Epoxy Surfacer	38°... Inactive
	#910-077	Catalyst	24°... Inactive
DPM 5749 #	#822T200	Coating, Anti-Chafe	31°
DPM 5893 #	#825-009	Primer	31°
	#910T211	Catalyst	30°
	#827X317	Coating	36°
DPM 5893-7803	#910-175	Catalyst	43°
DPM 5906	#826X341	Coating, Anti-Chafe	70°
	#910X376	Curing Agent	33°

2) Compound, Lacquer, Paint or Varnish, Removing, Reducing or Thinning, Liquid
IATA Art #498 Hazard Class is : Flammable Liquid

DPM 5372	#020T204	Thinner	22°
DPM 5372-1	#020-730	Thinner	22°
DPM 5718	#020X304	Thinner	31°
	#020-044	Thinner	31°

3) Paint, Enamel, Lacquer, Stain Shellac, Varnish, Aluminum, Bronze, Gold, Wood Filler, Liquid
IATA Art. #2422 Hazard Class is : Flammable Liquid

DPM 3025 ★	#798-700	Coating, Korotherm	75°... Inactive

DeSoto, Inc.

Douglas Aircraft Co.
Long Beach, CA.

DPM5391 Series

DPM5302

#906T200 Cleaner, Water Base is not applicable.

PL 1786

On the Fluid Resistant Primer and the Polyurethane Coating, please furnish code numbers on which you require this information.

The OSHA Material Safety Data Sheets are being mailed you direct from our headquarters in DesPlaines, Illinois.

If we can be of further assistance, please let us know.

Yours very truly,

S J Ward

SJW:cb

(Mrs.) S. J. Ward
Sales Office Manager

cc: G. W. Parker