

TECHNICAL COATINGS, INC -- 5959190, GACO N-79 NEOPRENE RADOME COATING, (

=====

MSDS Safety Information

=====

FSC: 1430
NIIN: 00-740-3920
MSDS Date: 10/11/1998
MSDS Num: CLGHW
Product ID: 5959190, GACO N-79 NEOPRENE RADOME COATING, (SEE SUPPL.)
MFN: 01
Kit Part: Y
Responsible Party
Cage: 6Y305
Name: TECHNICAL COATINGS, INC
Addr
ess: 216 BOLIVAR ST
Box: 296
City: CANTON MA 02021
Info Phone Number: 781-828-6050
Emergency Phone Number: (800)424-9300
Chemtrec IND/Phone: (800)424-9300
Proprietary Ind: Y
Published: Y

=====

Contractor Summary

=====

Cage: 6Y305
Name: TECHNICAL COATINGS, INC
Address: 216 BOLIVAR ST
Box: 296
City: CANTON MA 02021
Phone: 781-828-6050
Contract Number: SP0920-99-M-1898

=====

=====

Item Description Information

=====

Item Manager: S9E
Item Name: KIT,RADOME COATING
Specification Number: DA DWG 5959190
Unit of Issue: KT
UI Container Qty: 1
Type of Container: UNKNOWN

=====

Ingredients

=====

Name: *** PROPRIETARY ***

=====

Health Hazards Data

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Effects of Exposure: ACUTE: NAUSEA AND/OR NARCOSIS. CHRONIC: NO INFORMATION PRESENTLY AVAILABLE. TARGET ORGANS: TOLUENE, BASED ON ANIMAL DATA MAY CAUSE LIVER ABNORMALITIES, KIDNEY, LUNG AND SPLEEN DAMAGE. IN HUMANS LIVE R ABNORMALITIES. XYLENE, BASED ON ANIMAL DATA MAY CAUSE ANEMIA, LIVER ABNORMALITIES, KIDNEY AND EYE DAMAGE. IN HUMANS-CARDIAC ABNO RMALITIES.

Explanation Of Carcinogenicity: CARCINOGENICITY: NO

Signs And Symptoms Of Overexposure: IRRITATION TO EYES AND MUCOUS MEMBRANES. DRYNESS AND CRACKING OF SKIN. LIQUID INGESTION MAY CAUSE VOMITING

Medical Cond Aggravated By Exposure: RESPIRATORY AILMENTS.

First Aid: UTILIZE THE SUGGESTED METHODS LISTED BELOW. IN EMERGENCY SITATIONS NOTIFY A PHYSICIAN. EYES: FLUSH ABUNDANTLY WITH CLEAN WATER AND REFER TO PHYSICIAN. SKIN: WASH WITH SOAP AND WATER. REFER TO PHYSICIA N IF IRRITATION PERSISTS. INHALATION: REMOVE PATIENT TO FRESH AIR OR GIVE OXYGEN. USE CPR IF PATIENT IS NOT BREATHING. REFER TO PHYSICIAN. SWALLOWED: DO NOT INDUCE VOMITING. REFER TO PHYSICIAN.

Handling and Disposal

Spill Release Procedures: ABSORB SPILL IN SAND, EARTH, VERMICULTIE, OIL-DRI, OR SOL-SPEED-DRI. SHOVEL ABSORBED MATERIAL INTO STEEL CONTAINER AND COVER.

Waste Disposal Methods: DISP

OSAL OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CHEMICAL AND SOLVENT WASTE DISPOSAL REGULATIONS.

Handling And Storage Precautions: KEEP CONTAINERS TIGHTLY CLOSED AND STORE IN APPROVED SOLVENT STORAGE AREA. KEEP AWAY FROM OPEN FLAME, HEAT, SPARKS, HOT SURFACES, AND OXIDIZING AGENTS.

Fire and Explosion Hazard Information

Flash Point Method: TCC

Flash Point: =4.4C, 40.F

Autoig

nitition Temp: =508.3C, 947.F

Lower Limits: 1.0

Upper Limits: 7.0

Extinguishing Media: CO2, FOAM, DRY CHEMICAL.

Fire Fighting Procedures: NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN. USE WATER SPRAY TO COOL FIRE -EXPOSED STRUCTURES AND DISPERSE VAPOR- CLOUD IF FIRE IS NOT PRESENT.

Unusual Fire/Explosion Hazard: VAPOR IS HEAVIER THAN AIR AND MAY TRAVEL CONSIDERABLE DISTANCE TO SOURCE OF IGNITION AND FLASHBACK.

C

ontrol Measures

Respiratory Protection: USE NIOSH-APPROVED ATMOSPHERE SUPPLYING OR AIR PURIFYING RESPIRATOR FOR ORGAINC VAPORS AS REQUIRED TO MAINTAIN EXPOSURE LEVELS BELOW RECOMMENDED LIMITS.

Ventilation: LOCAL EXHAUST: REMOVE VAPROS DURING PROCESSING. MECHANICAL EXHAUST: EXPLOSION PROOF EQUIPMENT. SPECIAL: REDUCE VAPOR CONCENTRATIONS BELOW LIMITS.

Protective Gloves: PVA GLOVES.

Eye Protection: SAFETY GLASSES.

Other Protective Equ

ipment: FULL PROTECTIVE CLOTHING AS REQUIRED TO PREVENT SKIN CONTACT.

Work Hygienic Practices: KEEP AREA CLEAN. CLEAN UP SPILLS IMMEDIATELY. PRACTICE GOOD PERSONAL HYGIENE.

Supplemental Safety and Health: THIS ENTRY DESCRIBES FOURTH PART OF A 4-PART KIT, SERIAL NUMBER "CLGHW, GACO N-79 NEOPRENE RADOME COATING". SEE THIS SAME NSN, SERIAL NUMBERS "CLGHZ, N 450-9 THINNER"; "CKGHX, N-15 PRIMER"; AND "CLGHY , N-39 ACCELERATOR" FOR DATA ON THE THREE OTHER KIT PARTS.

Physical/Chemical Properties

HCC: F5

Boiling Point: =110.6C, 231.F

Vapor Pres: 22 MM HG @20C

Vapor Density: 3.2

Spec Gravity: 0.952 (7.93 LBS/GAL)

VOC Pounds/Gallon: 5.95

Appearance and Odor: BLACK, CHARACTERISTIC SOLVENT ODOR.

Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid:

AVOID HEAT, OPEN FLAMES, SPARKS, HOT SURFACES, AND OXIDIZING AGENTS.

Hazardous Decomposition Products: OXIDES OF CARBON, SULFUR, HYDROGEN CHLORIDE, HYDROGEN SULFIDE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR.

Toxicological Information

Ecological Information

=====

=====

MSDS Transport Information

=====

Transport Information: DOT NAME AND NUMBER: ADHESIVES, UN 1133.

=====

Regulatory Information

=====

Sara Title III Information: THE FOLLOWING ARE REPORTABLE UNDER SARA TITLE III

- SECTION 313: TOLUOL, CAS # 108-88-3; XYL
OL, CAS # 1330-20-7.

=====

Other Information

=====

Other Information: RATINGS: HEALTH: 2; FIRE: 3; REACTIVITY: 0; PERSONAL
PROTECTION: G.

=====

Transportation Information

=====

Responsible Party Cage: 6Y305

Trans ID NO: 157760

Product ID: 5959190, GACO N-79 NEOPRENE RADOME COATING, (SEE SUPPL.)

MSDS Prepared Date: 10/11/1998

Review Date: 07/05/2001

MFN: 1

Multiple KIT Number: 0

Kit Part IND: Y

Unit Of Issue: KT

Container QTY: 1

Type Of Container: UNKNOWN

Additional Data: TRANSPORTATION DATA PER MANUFACTURER'S MSDS.

=====

Detail DOT Information

=====

DOT PSN Code: AFR

DOT Proper Shipping Name: ADHESIVES,

DOT PSN Modifier: CONTAINING A FLAMMABLE LIQUID

Hazard Class: 3

UN ID Num: UN1133

DO

T Packaging Group: II
Label: FLAMMABLE LIQUID
Special Provision: B52,T,T30
Packaging Exception: 150
Non Bulk Pack: 173
Bulk Pack: 242
Max Qty Pass: 5 L
Max Qty Cargo: 60 L
Vessel Stow Req: B

=====

Detail IMO Information

=====

IMO PSN Code: AIH
IMO Proper Shipping Name: ADHESIVES,
IMO PSN Modifier: CONTAINING A FLAMMABLE LIQUID o
IMDG Page Number: 3174
UN Number: 1133
UN Hazard Class: 3.2
IMO Pack
aging Group: I/II*
Subsidiary Risk Label: -
EMS Number: 3-05
MED First Aid Guide NUM: 330

=====

Detail IATA Information

=====

IATA PSN Code: AKY
IATA UN ID Num: 1133
IATA Proper Shipping Name: ADHESIVES
IATA PSN Modifier: ,CONTAINING FLAMMABLE LIQUID
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
UN Packing Group: II
Packing Note Passenger: 305
Max Quant Pass: 5L
Max Quant Cargo: 60L
Packaging Not
e Cargo: 307
Exceptions: A7

=====

Detail AFI Information

=====

AFI PSN Code: AKY
AFI Proper Shipping Name: ADHESIVES
AFI PSN Modifier: ,CONTAINING FLAMMABLE LIQUID
AFI Hazard Class: 3
AFI UN ID NUM: UN1133
AFI Packing Group: II
Special Provisions: P5
Back Pack Reference: A7.3

=====

HAZCOM Label

=====

===

Product ID: 5959190, GACO N-79 NEOPRENE RADOME COATING, (SEE SUPPL.)

Cage: 6Y305

Company Name: TECHNICAL COATINGS, INC

Street: 216 BOLIVAR ST

PO Box: 296

City: CANTON MA

Zipcode: 02021

Health Emergency Phone: (800)424-9300

Label Required IND: Y

Date Of Label Review: 07/05/2001

Status Code: A

Label Date: 07/05/2001

Origination Code: F

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: DANGER

Respiratory Protection IND: YES

Health Hazard: Moderate

Contact Hazard

d: Slight

Fire Hazard: Severe

Reactivity Hazard: None

Hazard And Precautions: DANGER ! FLAMMABLE. KEEP CONTAINERS TIGHTLY CLOSED AND STORE IN APPROVED SOLVENT STORAGE AREA. KEEP AWAY FROM OPEN FLAME, HEAT, SPARKS, HOT SURFACES, AND OXIDIZING AGENTS. ACUTE OVEREXPOSURE MAY CAUSE NAUSEA AND/OR NARCOSIS.

=====

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, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States

of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.