

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  
A  
Address: 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 A BNORMALITIES.

Explanation Of Carcinogenicity: CARCINOGENICITY: N0

Signs And Symptions 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 IRRITATI ON

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: D

ISPOSAL 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

Aut

Ignition 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.

=====

=

### Control Measures

=====

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

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

Protective Gloves: PVA GLOVES.

Eye Protection: SAFETY GLASSES.

Other Protective

Equipment: 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

d: 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;  
XYLOL, 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

DOT 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 P  
Packaging 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  
Note 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 Ha

zard: 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 Stat

es 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.