

MATERIAL SAFETY DATA SHEET
 ESSENTIALLY SIMILAR TO OSHA FORM 174

STOP-GAP GRAY
 DN 4520

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 DN 4520

MANUFACTURED FOR: IN CASE OF EMERGENCY CALL:
 Drummond American Corporation ROCKY MOUNTAIN POISON & DRUG CENTER
 600 Corporate Woods Pkwy. COLLECT AT: (303) 623-5716
 Vernon Hills, IL 60061

DATE OF PREPARATION: 01/01/96 INFORMATION TELEPHONE NUMBER
 (708) 913-9313 As of 1/20/96 (847) 913-9313

SECTION I - IDENTITY
 PRODUCT NUMBER DN 4520
 PRODUCT NAME STOP-GAP GRAY
 PRODUCT CLASS PATCHING

SECTION II - INGREDIENTS

INGREDIENT	CAS NUMBER	%	ACGIH		PEL	STEL
			TLV PPM	M3		
CALCIUM CARBONATE	13176503	ND	ND	ND	ND	ND
POLYURETHANE RESIN	N/A	ND	ND	ND	ND	ND
DIIODECYL PHTHALATE	26761-40-0	ND	ND	ND	ND	ND
HYDROGENATED CASTOR OIL	N/A	ND	ND	ND	ND	ND
BUTYL ACETATE*	123-86-4	1-3	150	ND	150	200

* THIS CHEMICAL IS SUBJECT TO
 S.A.R.A. TITLE III, SECTION 313
 REPORTING.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT (degrees F): N/A
 VAPOR DENSITY: HEAVIER THAN AIR
 EVAPORATION RATE: = n-Butyl Acetate
 PERCENT VOLATILE (By Weight): 2.100 WEIGHT PER GALLON (LBS): 13.50

OPTIONAL INFORMATION:
 Appearance/Odor: gray polyurethane paste-like sealant; mild odor.
 Volatiles volume %: 1.3
 Liquid Density: Heavier than Water
 V.O.C: 0.3 lb/gal

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: U.N. CLASSIFICATION:
 OSHA CLASS N/A PER DOT N/A
 DOT CLASS N/A PER IMCO N/A

FLASH POINT: 72°F
 LEL: 1.4
 UEL: 7.5

METHOD: TAG CLOSED CUP

EXTINGUISHING MEDIA: FOAM CO2 DRY CHEMICAL SAND

UNUSUAL FIRE AND EXPLOSION HAZARDS:
 None known.

SPECIAL FIREFIGHTING PROCEDURE:
 Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

SECTION V - REACTIVITY DATA

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

HAZARD DECOMPOSITION PRODUCTS:
 Thermal decomposition may produce carbon monoxide, carbon dioxide, sulfur dioxide, and nitrogen dioxide.

CONDITIONS TO AVOID:
 Extreme heat, sparks, flames.

INCOMPATIBILITY (MATERIALS TO AVOID):
 Strong oxidizing agents.

D.O.T. EMERGENCY RESPONSE INFORMATION:
 NOT APPLICABLE

SECTION VI - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

Inhalation: Slight nose, throat, and respiratory irritation possible.
Ingestion: May cause irritation of intestinal tract.
Skin/Eye Contact: Possible irritation.

PRIMARY ROUTE(S) OF ENTRY: DERMAL INHALATION EYES

MEDICAL CONDITIONS PRONE TO OVEREXPOSURE:

May aggravate existing eye, skin, or upper respiratory conditions.

TARGET ORGANS AFFECTED:

EYES, SKIN, LUNGS.

CARCINOGENICITY:

None of the components in this chemical are listed by IARC, NTP or OSHA as a carcinogen.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water for 15 minutes and seek a physician.
SKIN: Wash thoroughly with soap and water.
INGESTION: Do not induce vomiting--seek a physician.
EXCESSIVE INHALATION: Move to fresh air.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Remove with absorbent material or let cure and remove.

WASTE DISPOSAL METHOD:
Dispose of in accordance with federal, state and, local regulations.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION:

None Required.

VENTILATION:

LOCAL EXHAUST: Recommended
MECHANICAL: None Required

PROTECTIVE GLOVES:

Chemically resistant rubber or plastic gloves are recommended.

EYE PROTECTION:

Safety glasses or chemical goggles are recommended.

OTHER PROTECTIVE EQUIPMENT:

NONE.

HYGIENIC PRACTICES:

WASH HANDS BEFORE EATING OR USING THE WASHROOM. SMOKE ----
IN SMOKING AREAS ONLY.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep away from heat, sparks, or open flame. Store at temperatures below 80°F.

OTHER PRECAUTIONS:

READ ENTIRE LABEL BEFORE USING.

SECTION X - OTHER INFORMATION

-----NFPA INDEX----- PREPARED BY: Kim Adams
HEALTH 1 Drummond American Corporation
FLAMMABILITY 1 600 Corporate Woods Parkway
REACTIVITY 0 Verron Hills, Illinois 60061
TLV Threshold Limit Value
PEL Permissible Exposure Level
NFPA National Fire Protection Association
CAS Chemical Abstract Service
NTP National Toxicology Program
OSHA Occupational Safety and Health Admin.
IARC International Agency for Research on Cancer
STEL Short Term Exposure Limit, duration is for 15 minutes
LEL Lower Explosive Le
NE Not Established
PPM Parts Per Million
D.O.T. Department of Tran
N/A Not Applicable
M'3 Approximate millig