

INLAND TECHNOLOGY -- BREAKTHROUGH, RI350
MATERIAL SAFETY DATA SHEET
NSN: 915000N043283
Manufacturer's CAGE: OK209
Part No. Indicator: A
Part Number/Trade Name: BREAKTHROUGH, RI350

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General Information

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Company's Name: INLAND TECHNOLOGY
Company's Street: 2612 PACIFIC HIGHWAY E
Company's City: TACOMA
Company's State: WA
Company's Country: US
Company's Zip Code: 98424
Company's Emerg Ph #: 800-552-3100; 800-255-3924
Company's Info Ph #: 800-552-3100
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 28AUG92
Safety Data Review Date: 25SEP95
MSDS Serial Number: BRSFD
Hazard Characteristic Code: F8

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Ingredients/Identity Information

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Proprietary: NO
Ingredient: NAPHTHOL SPIRITS; (C12-C13 HYDROCARBONS)
Ingredient Sequence Number: 01
NIOSH (RTECS) Number: 1005643NS
CAS Number: 64742-48-9
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

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Physical/Chemical Characteristics

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Appearance And Odor: CLEAR WITH MILD PETROLEUM ODOR
Boiling Point: 370F, 188C
Vapor Pressure (MM Hg/70 F): <2@25C
Vapor Density (Air=1): >5
Specific Gravity: 0.77(H2O=1)
Evaporation Rate And Ref: <0.1(N-BUTYL ACETATE=1)
Solubility In Water: NOT WATER SOLUBLE
Percent Volatiles By Volume: 100

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Fire and Explosion Hazard Data

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Flash Point: 150F, 66C
Flash Point Method: PMCC
Lower Explosive Limit: 0.8%
Upper Explosive Limit: 7%
Extinguishing Media: FOAM, WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE.
Special Fire Fighting Proc: WEAR NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT (FP N).
Unusual Fire And Expl Hazrds: NONE KNOWN.

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Reactivity Data

Stability: YES

Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid: AVOID CONTACT WITH STRONG ACIDS AND STRONG OXIDIZING AGENTS.

Hazardous Decomp Products: CARBON DIOXIDE, CARBON MONOXIDE, AND HYDROCARBONS.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT RELEVANT

Health Hazard Data

LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: NO

Health Haz Acute And Chronic: ACUTE: PRODUCT CONTACTING EYES MAY CAUSE IRRITATION. LOW ORDER ACUTE ORAL AND DERMAL TOXICITY. CHRONIC: PROLONGED OR REPEATED SKIN EXPOSURE CAN LEAD TO MILD IRRITATION, DEFATTING AND DERMATITIS.

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NOT RELEVANT

Signs/Symptoms Of Overexp: SEE HEALTH HAZARDS.

Med Cond Aggravated By Exp: SKIN CONTACT MAY AGGRAVATE EXISTING DERMATITIS.

Emergency/First Aid Proc: EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES OR UNTIL IRRITATION SUBSIDES. IF IRRIT PERSISTS, CALL DR. SKIN: IN CASE OF REMOVE FROM EXPOSED AREA AND CALL PHYS IMMED. INGEST: DO NOT INDUCE VOMIT; CALL PHYS IMMED. IF CONDITIONS PERSIST, GET MEDICAL ATTENTION.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: SHUT OFF AND ELIMINATE ALL IGNITABLE SOURCES. CONTAIN AND COLLECT MATERIAL. ABSORB RESIDUE.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: CONTACT FEDERAL, STATE, COUNTY OR LOCAL ENVIRONMENTAL REGULATORY AGENCIES FOR GUIDANCE.

Precautions-Handling/Storing: USE AND STORE AWAY FROM HEAT, SPARKS, AND OPEN FLAME. KEEP CONTAINER AND SEALED WHEN NOT IN USE. AVOID PRNGD/RPTD CONT W/SKIN.

Other Precautions: READ AND UNDERSTAND ALL CAUTIONS, LABELS, AND MSDS BEFORE USING THIS PRODUCT. MINIMIZE BREATHING VAPOR/MIST.

Control Measures

Respiratory Protection: NONE NORMALLY REQUIRED. USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

Ventilation: USE MECH DILUTION VENT WHENEVER PROD IS USED IN A CONFINED SPACE, HEATED ABOVE AMBIENT TEMP/AGITATED.

Protective Gloves: CHEM-RESISTANT GLOVES.

Eye Protection: SPASH GOG & FULL FSHLD.

Other Protective Equipment: NONE NORMALLY REQUIRED.

Work Hygienic Practices: WASH CONTAMINATED CLOTHING BEFORE REUSE.

Suppl. Safety & Health Data: NONE SPECIFIED BY MANUFACTURER.

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Transportation Data

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Disposal Data

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Label Data

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Label Required: YES

Technical Review Date: 09SEP93

Label Date: 09SEP93

Label Status: G

Common Name: BREAKTHROUGH, RI350

Chronic Hazard: YES

Signal Word: WARNING!

Acute Health Hazard-Slight: X

Contact Hazard-Slight: X

Fire Hazard-Moderate: X

Reactivity Hazard-None: X

Special Hazard Precautions: USE AND STORE AWAY FROM HEAT, SPARKS AND OPEN FLAME. ACUTE: PRODUCT CONTACTING EYES MAY CAUSE IRRITATION. LOW ORDER ACUTE ORAL AND DERMAL TOXICITY. CHRONIC: PROLONGED OR REPEATED SKIN EXPOSURE CAN LEAD TO MILD IRRITATION, DEFATTING AND DERMATITIS.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

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