

SOLVAY PERFORMANCE CHEMICALS -- SORBEAD BLUE - DESICCANT,ACTIVATED

MATERIAL SAFETY DATA SHEET

NSN: 6850006802233

Manufacturer's CAGE: SOLVA

Part No. Indicator: A

Part Number/Trade Name: SORBEAD BLUE

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General Information

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Item Name: DESICCANT,ACTIVATED

Company's Name: SOLVAY PERFORMANCE CHEMICALS, INC

Company's Street: 41 WEST PUTNAM AVE

Company's City: GREENWICH

Company's State: CT

Company's Country: US

Company's Zip Code: 06830

Company's Emerg Ph #: 800-424-9300

Company's Info Ph #: 203-629-7900

Distributor/Vendor # 1: PHOENIX INDUSTRIES INC (804-264-5183)

Distributor/Vendor # 1 Cage: 0YED2

Record No. For Safety Entry: 001

Tot Safety Entries This Stk#: 007

Status: SE

Date MSDS Prepared: 01JUL94

Safety Data Review Date: 20SEP97

Supply Item Manager: CX

MSDS Serial Number: CFKFKH

Specification Number: MIL-D-3716

Spec Type, Grade, Class: H GRADE, IV TYPE

Hazard Characteristic Code: N1

Unit Of Issue: CN

Unit Of Issue Container Qty: 1.5 LBS

Type Of Container: CAN

Net Unit Weight: 1.5 LBS

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Ingredients/Identity Information

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Proprietary: NO

Ingredient: SILICA GEL

Ingredient Sequence Number: 01

Percent: 9605

NIOSH (RTECS) Number: VV7310000

CAS Number: 112945-52-5

OSHA PEL: 6 MG/M3

ACGIH TLV: 10 MG/M3

Other Recommended Limit: NONE RECOMMENDED

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Proprietary: NO

Ingredient: COBALT CHLORIDE

Ingredient Sequence Number: 02

Percent: 0.5

NIOSH (RTECS) Number: GF9800000

CAS Number: 7646-79-9

OSHA PEL: 0.05 MG C0/M3

ACGIH TLV: 0.05 MG C0/M3

Other Recommended Limit: NONE RECOMMENDED

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Proprietary: NO

Ingredient: ALUMINOSILICATE

Ingredient Sequence Number: 03

Percent: 3.0

NIOSH (RTECS) Number: 1006240AL

CAS Number: 1327-36-2

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Other Recommended Limit: NONE RECOMMENDED

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Physical/Chemical Characteristics

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Appearance And Odor: BULE OR PINK GRANULES, ODORLESS.

Boiling Point: N/A

Melting Point: NP

Vapor Pressure (MM Hg/70 F): NP

Vapor Density (Air=1): NP

Specific Gravity: 2.1

Decomposition Temperature: NP

Solubility In Water: INSOLUBLE

Percent Volatiles By Volume: 00

Viscosity: NP

pH: N/A

Corrosion Rate (IPY): NP

Autoignition Temperature: NP

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Fire and Explosion Hazard Data

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Flash Point: NON-FLAMMABLE

Lower Explosive Limit: NP

Upper Explosive Limit: NP

Extinguishing Media: NONE SPECIFIED BY MANUFACTURER. HMIS:USE  
APPROPRIATE

FIRE EXTINGUISHING MEDIA FOR SURROUNDING FIRE/MATLS.

Special Fire Fighting Proc: WHEN HANDLING NEAR FLAMMABLE GASES OR  
VAPORS

TAKE TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.

Unusual Fire And Expl Hazrds: NON-FLAMMABLE.

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#### Reactivity Data

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Stability: YES

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

Materials To Avoid: REACTS WITH HF.

Hazardous Decomp Products: NONE SPECIFIED BY MANUFACTURER.

Conditions To Avoid (Poly): NONE SPECIFIED BY MANUFACTURER.

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#### Health Hazard Data

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LD50-LC50 Mixture: LD50(ORAL, RAT) 766 MG/KG COBALT CHLORID

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: NO

Route Of Entry - Ingestion: NO

Health Haz Acute And Chronic: PER MSDS ITEM IS NON-HAZARDOUS. SILICA  
GEL

ACTS AS DESICCANT, CAUSE DRYING IRRITATION OF MUCOUS MEMBRANES/SKIN IN SEVERE EXPOSURE CASES. COBALT CHLORIDE CAN CAUSE DERMATITIS, IRRITATION OF

NASAL PASSAGES/LUNGS.

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: YES

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: COBALT & COBALT CMPDS INCLUDED ON IARC HUMAN

CARCINOGENS LIST.

Signs/Symptoms Of Overexp: LOW POTENTIAL FOR ADVERSE HEALTH EFFECGTS.

DRYING IRRIT O FMUCOUS MEMBRANE & SKIN. DERMATITIS, IRRIT OF NASAL PASSAGES

& LUNGS.

Med Cond Aggravated By Exp: NONE KNOWN.

FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL HELP. SKIN CONTACT:WASH WITH

SOAP AND WATER. GET MED ATTENTION IF SYMPTOMS PERSIST. INGESTION:DO NOT

INDUCE VOMITING, DRINK 1-2 GLASSES OF WATER. GET MEDICAL HELP IMMEDIATELY.

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#### Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: SWEEP OR VACUUM UP. WEAR DUST MASK.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Precautions-Handling/Storing: AVOID BREATH OF DUST. STORE IN TIGHT CONTAINER, IN A MOISTURE FREE AREA.

Other Precautions: NONE

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Control Measures

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Respiratory Protection: NONE SPECIFIED BY MANUFACTURER. WEAR NIOSH  
APPROVED DUST MASK IF EXCESSIVE DUST IS PRESENT.

Ventilation: GENERAL

Protective Gloves: WORKING GLOVES

Eye Protection: NONE SPECIFIED BY MANUFACTURER.

Other Protective Equipment: WORKING CLOTHES.

Work Hygienic Practices: AVOID GENERATING DUST. WASH HANDS THOROUGHLY  
AFTER USE.

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Transportation Data

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Trans Data Review Date: 97263

DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

AFI PSN Code: ZZZ

AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

Additional Trans Data: PER MSDS:DOT:NOT CLASSIFIED AS HAZARDOUS MATL.

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Disposal Data

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Label Data

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Label Required: YES

Technical Review Date: 20SEP97

Label Status: F

Common Name: SORBEAD BLUE

Signal Word: CAUTION!

Acute Health Hazard-Slight: X

Contact Hazard-Slight: X

Fire Hazard-None: X

Reactivity Hazard-None: X

Special Hazard Precautions: PER MSDS ITEM IS NON-HAZARDOUS. SILICA GEL ACTS AS DESICCANT, CAUSE DRYING IRRITATION OF MUCOUS MEMBRANES/SKIN IN SEVERE EXPOSURE CASES. COBALT CHLORIDE CAN CAUSE DERMATITIS, IRRITATION OF

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Protect Respiratory: Y

Label Name: SOLVAY PERFORMANCE CHEMICALS, INC

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Label City: GREENWICH

Label State: CT

Label Zip Code: 06830

Label Country: US

Label Emergency Number: 800-424-9300