

1-6100 COUPLING AGENT

MSDS Number

BXJHV

National Stock Number

6850-00N059225

Product Name

1-6100 COUPLING AGENT

Manufacturer

DOW CORNING CORP

Product Identification

Product ID:1-6100 COUPLING AGENT

MSDS Date:12/21/1992

FSC:6850

NIIN:00N059225

MSDS Number: BXJHV

Responsible Party

DOW CORNING CORP

SOUTH SAGINAW RD

MIDLAND , MI 48686

US

Emergency Phone: 517-496-5900

Info Phone: 517-496-5900

Cage: 5D028

Contractor

DOW CORNING CORP

997

MIDLAND, MI 48686-0997

US

517-496-6000/517-496-6315

Cage: 5D028

Ingredients

METHANOL; (METHYL ALCOHOL)(SARA 313) (CERCLA)

CAS: 67-56-1

RTECS: PC1400000

Fraction By Weight: 2.00%

OSHA PEL200 PPM, S

ACGIH TLV: 200 PPM; 250 STEL

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ETHYLENEDIAMINE,N-(3-(TRIMETHOXYSILYL)PROPYL)-;

CAS: 1760-24-3

RTECS: KV7400000

Fraction By Weight: 10.00%

OSHA PELN/K

ACGIH TLV: N/K

SILANE, PHENYLTRIMETHOXY-; PHENYLTRIMETHOXSILANE)

CAS: 2996-92-1

RTECS: VV5252000

Fraction By Weight: 88%

OSHA PELN/K

ACGIH TLV: N/K

& CONTAIN FOR SALVAGE/DISP. FOR LGE SPILLS

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

FROM SPREADING. CLEAN ANY REMAINING SLIPPERY SURFS BY

RTECS: 9999999ZZ

SOLVS; WASHING W/MILD, CAUSTIC DETERGENTS/SOLNS; HIGH

RTECS: 9999999ZZ

USE TYPICAL INDUSTRIAL CLEANING MATLS. OBSERVE ANY

RTECS: 9999999ZZ

OBSERVE ALL PERSONAL PROTECTION EQUIP RECOMM

RTECS: 9999999ZZ

TO SPILLS/RELEASES OF THIS MATL INTO ENVIRONMENT.

RTECS: 9999999ZZ

AREAS W/COOL WATER.

RTECS: 9999999ZZ

HUMID AIR. PROVIDE VENT DURING USE TO CONTRL

RTECS: 9999999ZZ

SCBA. THESE PREC FOR ROOM TEMP HNDLG. USE AT

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYE: DIRECT CONT IRRITS
SLIGHTLY W/REDNESS & SWELLING. SKIN: SHORT EXPOS (IRRIT. RPTD/PRLNGD CONT (24-48 HRS) MAY IRRIT MOD. OVEREXP MAY
INJURE INTERNALLY IF ABSORB. INHAL: VAP MAY IRRIT NOSE & THROAT.
OVEREXP TO VAP MAY CAUSE BLIND & CNS EFTS DUE TO METHYL ALCOHOL
POISONING. VAPOR(EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT.
Effects of Overexposure:HLTH HAZ: OVEREXP MAY CAUSE DROW. INGEST:
BLINDNESS, EVEN DEATH MAY RSLT DUE TO METHYL ALCOHOL POISONING.
CHRONIC: INHAL:OVEREXP TO VAP MAY CAUSE BLINDNESS & CNS EFTS DUE TO
METHYL ALCOHOL POISONING. INGEST: IF SWALLOWED, BLINDNESS, EVEN
DEATH MAY RESULT DUE TO METHYL ALCOHOL POISONING.
Medical Cond Aggravated by Exposure:OVEREXP TO ANY CHEMICAL MAY RESULT
IN ENHANCEMENT OF PRE-EXISTING ADVERSE MEDICAL CONDITIONS AND
ALLERGIC REACTIONS.

First Aid

First Aid:EYE: IMMED FLUSH W/WATER FOR AT LEAST 15 MINS. GET MED ATTN.
SKIN: REMOVE FROM SKIN & IMMED FLUSH W/WATER FOR AT LEAST 15 MINS.
GET MED ATTN IF IRRIT/ILL EFTS DEVELOP/PERSIST. INGEST: GET MED
ATTN. IF CONSCIOUS, INDUCE VOMITING. LIE DOWN, KEEP WARM & COVER
EYES TO EXCLUDE LIGHT. COMMENTS: TREAT SAME AS METHYL ALCOHOL
POISONING.

Fire Fighting

Flash Point:88.0F,31.1C
Extinguishing Media:CARBON DIOXIDE(CO*2), DRY CHEMICAL, FOAM, WATER
FOG(OR SPRAY). WATER MAY CAUSE FROTHING.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP.
HEAT EXPOSURE PRESS CLSD CNTNRS. COOL W/WATER SPRAY. EVAC AREA IN
CASE OF OVERHEATING/FIRE.
Unusual Fire/Explosion Hazard:VAPORS ARE HVR/AIR & CAN TRAVEL ALONG
GROUND TO REMOTE IGNITION SOURCES. STATIC ELECTRICITY MAY
ACCUMULATE & IGNITE VAPORS. PVNT POSS FIRE HAZ BY (SUPDAT)

Accidental Release

Spill Release Procedures:REMOVE POSS IGNIT SOURCES & IF NEEDED, USE
NONSPARKING TOOLS & EQUIP. TO PVNT POSS SPONT COMBUST, STORE RAGS,
MOPS, ABSORB, ETC, USED DURING CLEANUP ONLY IN APPRO CNTRNS/COVERED
W/WATER. DETERMINE WHE THER TO EVAC/ISOLATE AREA DEPENDING ON
(SUPDAT)
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:KEEP CNTNR CLOSED & AWAY FROM HEAT,
SPARKS & OPEN FLAME. KEEP CNTNR CLSD & STORE AWAY FROM
WATER/MOISTURE.
Other Precautions:AVOID CONT W/EYE, SKIN & CLTHG. USE SOLV RESIST
GLOVES IF DIRECT PRLNGD CONT IS UNAVOIDABLE. AVOID BRTHG VAP. KEEP
CNTNR CLSD. CANNOT BE MADE NON-POISONOUS. DO NOT TAKE INTERNALLY.
PROD EVOLVES METHYL ALCOHOL WHEN EXPOSED TO WATER/(ING 11)

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED SCBA OR OTHER
SUPPLIED-AIR RESPIRATOR. FOR SPILLS: USE NIOSH/MSHA APPROVED FULL
FACE RESPIRATOR.
Ventilation:LOCAL EXHAUST: RECOMMENDED. GENERAL: RECOMMENDED.
Protective Gloves:IMPERVIOUS GLOVES.
Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS.
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:WASH AT MEALTIME & END OF SHIFT. IF CONT
OCCURS, CHANGE CONTAMD CLTHG AS SOON AS POSS & THORO FLUSH
AFFECTED(ING 10)
Supplemental Safety and Health
EXPLO HAZ: SUITABLE MEANS, SUCH AS BONDING & GROUNDING, INERT GAS

PURGE, VAPOR DILUTION & THE LIKE. SPILL PROC:SPECIFIC FACTORS AS SITE LOCATION, POPULATION DENSITY, TRAFFIC FLOW, SIZE OF RELEASE/SPILL, WEATHER CONDITIONS, MATERIAL'S HAZARD & RISKS TO PEOPLE & WHETHER FIRE IS UNDERWAY/POSSIBLE. MOP UP/WIPE UP/SOAK UP WITH ABSORBENT

Chemical Properties

Specific Gravity:1.05 @ 25C

Solubility in Water:NONE.

Appearance and Odor:YELLOW LIQUID WITH AMINE-LIKE ODOR.

Stability

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIAL CAN CAUSE A REACTION. COMMENT: WATER, MOISTURE/HUMID AIR-FORM HAZARDOUS VAPORS.

Stability Condition to Avoid:HUMID AIR, MOISTURE FORMS METHYL ALCOHOL.

Hazardous Decomposition Products:NITROGEN OXIDES. CARBON OXIDES &

TRACES OF INCOMPLETELY BURNED CARBON COMPOUNDS. SILICON DIOXIDE.

Disposal

Waste Disposal Methods:DISPOSAL OF COLLECTED PRODUCT, RESIDUES & CLEANUP MATERIALS MAY BE GOVERNMENTALLY REGULATED. OBSERVE ALL APPLICABLE LOCAL, STATE & FEDERAL WASTE MANAGEMENT REGULATIONS.

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