
SECTION 01: CHEMICAL PRODUCT & COMPANY ID

PRODUCT PRIMARY NAME: 2000 GRIT FINISHING COMPOUND

ALL SYNONYMS : PAINT CHIP REPAIR KIT
PAINT CHIP REPAIR KIT, ULTRA FINE POLISH
ULTRA FINE POLISH
10-2003
12378179
2000 GRIT FINISHING COMPOUND
37895
81030 (40042)
88900327

SAFE USE CATEGORY AND DESCRIPTION: 03 -SOLVENTS - FLASH POINT: > 100 F

LAST UPDATED DATE: 1994-01-07

MANUFACTURER'S ID (MID): 000506364
MANUFACTURER'S NAME: U.S. CHEMICAL & PLASTICS INC
MANUFACTURER'S EMERGENCY PHONE NUMBER/TEXT: US 800-424-9300
MANUFACTURER'S MAILING ADDRESS:
ALCO INDUSTRIES, PO BOX 88
2290 ZIMMERMAN ROAD SE
GNADENHUTTEN OH 44629
US

SECTION 02: COMPOSITION & INGREDIENT INFO

CAS#	FORMULATION	W/W	CHEMICAL NAME
000057556	R 1.0000/ 5.0000%	W	1,2-PROPANEDIOL
000532321	< 0.0000/ 1.0000%	W	BENZOIC ACID, SODIUM SALT
001327431	< 0.0000/ 1.0000%	W	SILICIC ACID, ALUMINUM MAGNESIUM S ALT
007632000	< 0.0000/ 0.1000%	W	NITROUS ACID, SODIUM SALT
007732185	R 60.0000/ 70.0000%	W	WATER
008009038	< 0.0000/ 1.0000%	W	Petrolatum
014464461	< 0.0000/ 15.0000%	W	SILICA, CRYSTALLINE - CRISTOBALITE
014808607	< 0.0000/ 15.0000%	W	SILICA, CRYSTALLINE - QUARTZ
034375285	< 0.0000/ 1.0000%	W	ETHANOL, 2-(HYDROXYMETHYLAMINO)-
039421755	< 0.0000/ 1.0000%	W	Guar gum, 2-hydroxypropyl ether
061790532	R 1.0000/ 5.0000%	W	DIATOMACEOUS EARTH, NATURAL
064741442	R 1.0000/ 5.0000%	W	GAS OIL, blend
064742525	R 1.0000/ 5.0000%	W	MINERAL OIL, PETROLEUM DISTILLATES , HYDROTREATED (severe) HEAVY NAPH THENIC
064742967	R 5.0000/ 10.0000%	W	Solvent naphtha, petroleum, heavy aliph.
068412544	< 0.0000/ 0.1000%	W	Poly(oxy-1,2-ethanediyl), .alpha.- (nonylphenyl)-.omega.-hydroxy-, br anched

068527093 < 0.0000/ 1.0000% W Alkenes, C>10 .alpha.-, polymers w
ith ethylene
068815145 < 0.0000/ 1.0000% W Soybean oil, sulfonated, sodium sa
lt
068855549 R 1.0000/ 5.0000% W Kieselguhr, soda ash flux-calcined
989915768 < 0.0000/ 1.0000% W WAX

SECTION 03: HAZARDS IDENTIFICATION

PRIMARY ENTRY ROUTE INDICATORS:

SKIN PRIMARY ENTRY ROUTE INDICATOR = Y
INHALATION PRIMARY ENTRY ROUTE INDICATOR = Y

EFFECTS OF OVEREXPOSURE - SKIN: CONTACT WITH SKIN CAN CAUSE IRRITATION,
(MINOR ITCHING, BURNING AND/OR REDNESS), DERMATITIS, DEFATTING MAY BE
READILY ABSORBED THROUGH THE SKIN.

EFFECTS OF OVEREXPOSURE - EYE: CONTACT WITH EYES CAN CAUSE IRRITATION,
REDNESS, TEARING, BLURRED VISION, AND/OR SWELLING.

EFFECTS OF OVEREXPOSURE - INHALATION: INHALATION OF VAPORS CAN CAUSE
NASAL AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA,
HEADACHE, POSSIBLE UNCONSCIOUSNESS AND/OR ASPHYXIATION. ASPIRATION OF
MATERIAL INTO LUNGS MAY RESULT IN CHEMICAL PNEUMONITIS WHICH CAN BE
FATAL. MAY BE TOXIC.

EFFECTS OF OVEREXPOSURE - INGESTION: INGESTION CAN CAUSE
GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: PRE-EXISTING DISORDERS
AFFECTING EYES, SKIN, RESPIRATORY, UROLOGICAL AND CENTRAL NERVOUS
SYSTEMS.

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - SKIN: FOR SKIN CONTACT, WASH PROMPTLY
WITH SOAP AND EXCESS WATER.

EMERGENCY FIRST AID PROCEDURES - EYES: FOR EYE CONTACT, FLUSH PROMPTLY
WITH EXCESS WATER FOR AT LEAST FIFTEEN MINUTES. CONSULT A PHYSICIAN.

EMERGENCY FIRST AID PROCEDURES - INHALATION: IF INHALED, REMOVE VICTIM
FROM EXPOSURE TO WELL VENTILATED AREA. MAKE HIM/HER COMFORTABLY WARM,
BUT NOT HOT. USE OXYGEN OR ARTIFICIAL RESPIRATION AS REQUIRED. CONSULT
A PHYSICIAN.

EMERGENCY FIRST AID PROCEDURES - INGESTION: IF INGESTED, DO NOT INDUCE
VOMITING. GIVE VICTIM A GLASS OF WATER. CALL A PHYSICIAN IMMEDIATELY.

SECTION 05: FIRE-FIGHTING MEASURES

FLAMMABLE LEL: N/E 0.00
FLAMMABLE UEL: N/E 0.00

EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, FOAM.

SPECIAL FIRE FIGHTING PROCEDURES: FIGHT LIKE A FUEL OIL FIRE. COOL FIRE
EXPOSED CONTAINERS WITH WATER SPRAY. FIRE FIGHTERS SHOULD WEAR
OSHA/NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS: CLOSED CONTAINERS EXPOSED TO HIGH

TEMPERATURES, SUCH AS FIRE CONDITIONS MAY RUPTURE.

HMIS CODES:

HMIS REACTIVITY CODE = 1

HMIS HEALTH CODE = 2

HMIS FLAMMABILITY CODE = 2

NFPA CODES:

NFPA FLAMMABILITY CODE = 2

NFPA HEALTH CODE = 2

NFPA REACTIVITY CODE = 1

FLASH POINT TEMPS: = 58.00C/ 137.00F

FLASH POINT METHOD: SCC

SECTION 06: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: VENTILATE AREA. REMOVE ALL POSSIBLE SOURCES OF IGNITION. AVOID PROLONGED BREATHING OF VAPOR. CONTAIN SPILL WITH INERT ABSORBENT AND CLEAN UP WITH ORDINARY TOOLS.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: USE WITH ADEQUATE VENTILATION. HARMFUL OR FATAL IF SWALLOWED! AVOID CONTACT WITH EYES AND SKIN. AVOID BREATHING VAPORS. DO NOT STORE THE PRODUCT ABOVE 100 F/ 38 C. DO NOT FLAME, CUT, BRAZE WELD OR MELT EMPTY CONTAINERS. KEEP THE PRODUCT AWAY FROM HEAT, OPEN FLAMES, AND OTHER SOURCES OF IGNITION. AVOID CONTACT WITH STRONG ACIDS, ALKALIES AND OXIDIZERS.

SECTION 08: EXPOSURE CONTROLS - PROTECTION

EYE PROTECTION: SAFETY GLASSES OR GOGGLES WITH SPLASH GUARDS OR SIDE SHIELDS.

RESPIRATORY PROTECTION: WITH GENERAL ROOM VENTILATION NOT REQUIRED. IF ROOM VENTILATION IS LACKING, USE NIOSH/MSHA APPROVED RESPIRATOR TO REMOVE VAPORS. USE AN AIR SUPPLIED RESPIRATOR IF NECESSARY.

VENTILATION: USE ADEQUATE VENTILATION IN VOLUME AND PATTERN TO KEEP TLV/PEL BELOW RECOMMENDED LEVELS. GENERAL MECHANICAL VENTILATION IS ACCEPTABLE.

PERSONAL PROTECTIVE EQUIPMENT: WEAR PROTECTIVE CLOTHING AS REQUIRED TO PREVENT SKIN CONTACT.

PROTECTIVE GLOVES (SPECIFY TYPE): TO PREVENT PROLONGED EXPOSURE, USE NEOPRENE OR EQUIVALENT GLOVES, SOLVENTS MAY BE ABSORBED THROUGH THE SKIN.

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

THEORETICAL VOC WITHOUT WATER: 1.045 LBS/GAL VOC , 126 GRAMS/LITER

BOILING POINT TEXT: NOT ESTABLISHED

MELTING/FREEZE POINT TEXT: N/A

SPECIFIC GRAVITY VALUES: = 1.0800

VAPOR DENSITY TEXT: HEAVIER THAN AIR

VAPOR PRESSURE TEXT: NOT ESTABLISHED

PERCENT VOLATILE BY WEIGHT VALUES: R 65.0000

EVAPORATION RATE TEXT: ETHYL ETHER = 1: SLOWER THAN ETHYL ETHER

SOLUBILITY IN WATER TEXT: INSOLUBLE BUT DISPERSIBLE

APPEARANCE: VISCOUS BROWN LIQUID

SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: Y

STABILITY - CONDITIONS TO AVOID: OPEN FLAMES, SPARKS, HEAT.

STABILITY - TEXT: STABLE

INCOMPATIBLE MATERIALS: STRONG ACIDS, ALKALIES, OXIDIZERS.

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE AND ACID FUMES.

HAZARDOUS POLYMERIZATION INDICATOR: N

HAZARDOUS POLYMERIZATION TEXT: WILL NOT OCCUR.

SECTION 11: TOXICOLOGICAL INFORMATION

CHRONIC EFFECTS: OVEREXPOSURE TO THIS MATERIAL HAS APPARENTLY BEEN KNOWN TO CAUSE THE FOLLOWING EFFECTS IN LAB ANIMALS: RESPIRATORY SYSTEM, EYES, SKIN, KIDNEY, AND CENTRAL NERVOUS SYSTEM DAMAGE.

CARCINOGENICITY: CARCINOGENIC: YES // IARC HAS CONCLUDED THAT THERE IS SUFFICIENT E VIDENCE FOR THE CARCINOGENICITY OF CRYSTALLINE SILICA TO EXPERIMENTAL ANIMALS AND LIMITED EVIDENCE WITH RESPECT TO HUMANS.

MUTAGENICITY: NO

SECTION 11 - OTHER INFORMATION: TERATOGEN: NO

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

SECTION 14 - OTHER INFORMATION: SHIPPING INFORMATION: PLEASE COMPLY WITH DOT REGULATIONS IN USA.

SECTION 15: REGULATORY INFORMATION

SECTION 15 - OTHER INFORMATION: CALIFORNIA PROPOSITION 65: TRACE AMOUNTS OF SOME CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM MAY BE PRESENT IN THIS PRODUCT.

PERMISSIBLE EXPOSURE LIMIT: 111762: 50 PPM // 110190: 150 PPM // 78933:
200 PPM // 88230357: NE // 108883: 100 PPM

SECTION 03: HAZARDS IDENTIFICATION

PRIMARY ENTRY ROUTE INDICATORS:

SKIN PRIMARY ENTRY ROUTE INDICATOR = Y
INHALATION PRIMARY ENTRY ROUTE INDICATOR = Y

EFFECTS OF OVEREXPOSURE - SKIN: CAN CAUSE IRRITATION FOR SOME PERSONS.
EFFECTS OF OVEREXPOSURE - EYE: CAN CAUSE SEVERE IRRITATION, REDNESS,
TEARING, BLURRED VISION.

EFFECTS OF OVEREXPOSURE - INHALATION: EXCESSIVE INHALATION OF VAPORS
CAN CAUSE NASAL AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS,
FATIGUE, NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS AND EVEN
ASPHYXIATION.

EFFECTS OF OVEREXPOSURE - INGESTION: CAN CAUSE GASTROINTESTINAL
IRRITATION, NAUSEA, VOMITING, DIARRHEA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: CAN CAUSE RESPIRATORY AND/OR
SKIN REACTION.

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - SKIN: WASH WITH SOAP AND WATER OR
VARIOUS HAND CLEANERS AND WASH CLOTHING.

EMERGENCY FIRST AID PROCEDURES - EYES: FLUSH WITH WATER FOR 15 MINUTES
WHILE HOLDING EYELIDS OPEN.

EMERGENCY FIRST AID PROCEDURES - INHALATION: REMOVE INDIVIDUAL TO FRESH
AIR, IF BREATHING IS DIFFICULT. ADMINISTER OXYGEN. IF BREATHING IS
STOPPED, GIVE ARTIFICIAL RESPIRATION AND SEEK MEDICAL HELP.

EMERGENCY FIRST AID PROCEDURES - INGESTION: DO NOT INDUCE VOMITING
(ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE PNEUMONITIS, WHICH CAN BE
FATAL). KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION/POISON
CONTROL CENTER.

SECTION 05: FIRE-FIGHTING MEASURES

FLAMMABLE LEL: = 1.00

EXTINGUISHING MEDIA: ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: IF WATER IS USED, FOG NOZZLES ARE
PREFERABLE USE SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE
OPERATED IN PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.

UNUSUAL FIRE AND EXPLOSION HAZARDS: CLOSED CONTAINERS MAY EXPLODE
AND/OR AUTOIGNITE WHEN EXPOSED TO EXTREME HEAT, VAPORS ARE HEAVIER THAN
AIR AND MAY TRAVEL ALONG THE GROUND OR MAY BE MOVED BY VENTILATION AND
IGNITED BY PILOT LIGHTS, OTHER FLAMES, SPARKS, HEATERS, SMOKING,
ELECTRIC METERS OR OTHER LOCATIONS DISTANT FROM MATERIAL HANDLING
POINT.

HMIS CODES:

HMIS REACTIVITY CODE = 0

HMIS HEALTH CODE = 1

HMIS FLAMMABILITY CODE = 3
HMIS PERSONAL PROTECTION CODE = E
NFPA CODES:
NFPA FLAMMABILITY CODE = 3
NFPA HEALTH CODE = 1
NFPA REACTIVITY CODE = 0

FLASH POINT TEMPS: = 5.00C/ 40.00F
FLASH POINT METHOD: TCC

SECTION 5 - OTHER INFORMATION: FLAMMABILITY CLASSIFICATION: OSHA: IB //
FLAMMABLE LIQUID // UNIFORM FIRE CODE LEVEL: 3 AEROSOL

SECTION 06: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: ELIMINATE ALL IGNITION SOURCES, VENTILATE
AREA. ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT OR OTHER
ABSORBENT MATERIAL AND TRANSFER TO A CLOSED CONTAINER.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: DO NOT STORE IN AREAS
ABOVE 120 F, OR IN DIRECT SUNLIGHT, OR NEAR HEAT OR OPEN FLAMES. DO NOT
PUNCTURE OR INCINERATE.

SECTION 7 - OTHER INFORMATION: NONE

SECTION 08: EXPOSURE CONTROLS - PROTECTION

EYE PROTECTION: CHEMICAL, SPLASH GOGGLES, IN COMPLIANCE WITH OSHA
REGULATIONS, ARE ADVISED.

RESPIRATORY PROTECTION: FOR CASUAL/OCCASIONAL USE - TO AVOID BREATHING
VAPORS OR SPRAY MIST, OPEN WINDOWS AND DOORS OR USE OTHER MEANS TO
ENSURE FRESH AIR ENTRY DURING APPLICATION AND DRYING. IF YOU EXPERIENCE
EYE WATERING, HEADACHE, OR DIZZINESS, INCREASE FRESH AIR, WEAR
RESPIRATORY PROTECTION (NIOSH/MSHA TC23C OR EQUIVALENT) OR LEAVE THE
AREA.

VENTILATION: FOR REGULAR/CONTINUOUS USE - PROVIDE SUFFICIENT MECHANICAL
(GENERAL) AND/OR LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW
TLV'S IN SECTION II.

PERSONAL PROTECTIVE EQUIPMENT: WHERE SPECIAL OR UNUSUAL CONDITION
EXIST, SEEK THE EXPERT ASSISTANCE OF AN INDUSTRIAL HYGIENIST.

WORKPLACE/HYGIENIC PRACTICES: WASH HANDS BEFORE EATING OR USING
WASHROOM, AS WITH ALL CHEMICALS, MINIMIZE PERSONAL CONTACT.

PROTECTIVE GLOVES (SPECIFY TYPE): WEAR CHEMICAL RESISTANT GLOVES, SUCH
AS NEOPRENE. IF SKIN CONTACT IS TO BE AVOIDED.

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

BOILING POINT TEMPS: R 180.00F TO 330.00F

MELTING/FREEZE POINT TEMPS: = 1500.00F
MELTING/FREEZE POINT TEXT: ESTIMATED MIN.

SPECIFIC GRAVITY VALUES: < 1.0000

DENSITY VALUES/UOM: R 7.0000- 8.0000 LB/GAL
DENSITY TEXT: (PAINT)

VAPOR DENSITY TEXT: HEAVIER THAN AIR

VAPOR PRESSURE TEXT: 111762: 1.0 MMHG AT 00020 C // 110190: 12.8 MMHG
AT 00020 C // 78933: 70 MMHG AT 00020 C // 88230357: 1.4 MMHG AT 00020
C // 108883: 22 MMHG AT 00020 C // UNKNOWN FOR PRODUCTS

PERCENT VOLATILE BY VOLUME: = 100.0000

EVAPORATION RATE TEXT: SLOWER THAN ETHER

SOLUBILITY IN WATER TEXT: SLIGHT TO MODERATE

APPEARANCE: TYPICAL SOLVENT PAINT

ODOR: TYPICAL SOLVENT PAINT

SECTION 9 - OTHER INFORMATION: (BUTYL ACETATE = 1): SECTION II PRODUCTS
> 1

SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: Y
STABILITY - CONDITIONS TO AVOID: HEAT, SPARKS AND OPEN FLAME.

INCOMPATIBLE MATERIALS: AVOID CONTACT WITH STRONG OXIDIZING AGENTS AND
HEAT.

HAZARDOUS DECOMPOSITION PRODUCTS: MAY FORM TOXIC MATERIALS, CARBON
DIOXIDE/CARBON MONOXIDE, VARIOUS HYDROCARBONS, NITROGEN COMPOUNDS,
ETC., WHEN BUMPED.

HAZARDOUS POLYMERIZATION INDICATOR: N
HAZARDOUS POLYMERIZATION - CONDITIONS TO AVOID: NOT APPLICABLE

SECTION 11: TOXICOLOGICAL INFORMATION

CHRONIC EFFECTS: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED
OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS
SYSTEM DAMAGE, SEVERE OVEREXPOSURE IN LABORATORY ANIMALS HAS ALSO
CAUSED LIVER ABNORMALITIES AND DAMAGE TO KIDNEYS, LUNGS, AND SPLEEN,
HEART AND ADRENALS. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING
AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

CARCINOGENICITY: INGREDIENTS NOT LISTED IN NTP, IARC OR OSHA

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: MATERIAL COLLECTED ON ABSORBENT MATERIAL MAY BE DEPOSITED IN A POSTED TOXIC SUBSTANCE LANDFILL IN ACCORDANCE WITH LOCAL STATE, AND FEDERAL REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

DOT INFORMATION: DOT STORAGE CATEGORY: STORE LARGE QUANTITIES IN BUILDING PROTECTED FOR STORAGE OR FLAMMABLE LIQUIDS.

SHIPPING NAME: PAINT FLAMMABLE LIQUID

U.N. CODE: 1263

SECTION 15: REGULATORY INFORMATION

SECTION 15 - OTHER INFORMATION: ALL COMPONENTS OF PLASTI-KOTE (U.S.) PRODUCTS ARE LISTED OR ARE EXCLUDED FROM LISTING ON THE U.S. TOXIC SUBSTANCES CONTROL ACT (TSCA) CHEMICAL SUBSTANCE INVENTORY.