

SHIPPED FROM: -----
FASTCAP LLC
3725 IRONGATE ROAD
BELLINGHAM WA 98226
PHONE: 360-752-2138

FOR ALL EMERGENCIES 888-443-3748
PREPARED BY: PRODUCT SAFETY DEPARTMENT

FASTCAP WEBSITE: HTTP:\\WWW.FASTCAP.COM

PRODUCT DESCRIPTION: MSC GLUE 001.000% WHITE PD
PRODUCT CODE: 2P-10 WHITE

***** MATERIAL SAFETY DATA SHEETS *****

*
THE ATTACHED MATERIAL SAFETY DATA SHEET (MSDS) IS AN IMPORTANT DOCUMENT.
THE OSHA HAZARDOUS COMMUNICATION STANDARD REQUIRES US TO FORWARD A MSDS
PRIOR TO OR ACCOMPANYING AN INITIAL SHIPMENT OF A PRODUCT AND THE
"STANDARD" REQUIRES YOUR COMPANY TO KEEP THE MSDS ON FILE.

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*
IF YOU ARE NOT RESPONSIBLE FOR HEALTH AND SAFETY IN YOUR COMPANY PLEASE
INSURE THAT YOUR HEALTH AND SAFETY MANAGER RECEIVES THIS DOCUMENT.

*
*
THANK YOU.

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

HEALTH ----->1
FLAMMABILITY ----->0
REACTIVITY ----->0
PERSONAL PROTECTION -->E

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SECTION I - PRODUCT INFORMATION:

PRODUCT DESCRIPTION:

MSC GLUE 001.000% WHITE PD

PRODUCT CODE:

2P-10 WHITE VERSION NUMBER: 1 DATE: 2/03/09

CHEMICAL NAME/FAMILY:

COLORANT
-----SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION:
-----THIS PRODUCT CONTAINS, AS A COMPONENT, THE SUBSTANCE(S) LISTED BELOW
WHICH IS IDENTIFIED AS A HAZARDOUS CHEMICAL UNDER THE CRITERIA OF THE
OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200.

OSHA ACGIH

CAS DESCRIPTION PEL TLV OTHER DOES NOT
NUMBER MG/M3 MG/M3 LIMITS EXCEED(%)13463-67-7 TITANIUM DIOXIDE (DUST) 10.0 10.0 -91.00
21645-51-2 ALUMINUM HYDROXIDE (AS AL) N.E. 10.0 -3.50
7631-86-9 SILICON DIOXIDE, AMORPHOUS 6.0 10.0 -5.50
-----SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS:
-----BOILING POINT: N.A.
SPECIFIC GRAVITY: 3.8 - 4.3
VAPOR PRESSURE: N.A.
MELTING POINT: N.A.
VAPOR DENSITY: N.A.
EVAPORATION RATE: N.A.
SOLUBILITY IN WATER: INSOLUBLE
APPEARANCE AND ODOR: POWDER - SLIGHT ODOR
-----SECTION IV - FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT (METHOD USED):

THERE IS A COMPONENT IN THIS PRODUCT WITH A FLASH POINT OF C.
THE METHOD USED TO DETERMINE THIS IS:
ALL OTHER COMPONENTS USED IN THIS PRODUCT EITHER HAVE A HIGHER FLASH
POINT OR ARE NOT COMBUSTIBLE AND DO NOT HAVE A FLASH POINT.

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA: (CONT)

EXTINGUISHING MEDIA:
USE FIRE FIGHTING MEDIA SUITABLE FOR SURROUNDING FIRE

SPECIAL FIRE FIGHTING PROCEDURES:
WEAR SELF-CONTAINED POSITIVE PRESSURE BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
NONE KNOWN

SECTION V - REACTIVITY DATA:

STABILITY: STABLE -> X UNSTABLE ->

STABILITY (CONDITIONS TO AVOID):
NONE KNOWN

INCOMPATILBILITY (MATERIALS TO AVOID):
NONE KNOWN

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:
THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE HAZARDOUS FUMES OF TITANIUM
OXIDE.

HAZARDOUS POLYMERIZATION: WILL OCCUR -> WILL NOT OCCUR -> X

HAZARDOUS POLYMERIZATION (CONDITIONS TO AVOID):
NONE KNOWN

SECTION VI - HEALTH HAZARD DATA:

HEALTH HAZARDS (ACUTE AND CHRONIC):

HEALTH HAZARD: INHALATION
SHORT TERM OVEREXPOSURE BY IHALATION TO TITANIUM DIOXIDE MAY CAUSE
IRRITATION OF NOSE, THROAT, AND LUNGS WITH COUGH, DIFFICULTY BREATHING OR
SHORTNESS OF BREATH. STUDIES SHOWED THAT EMPLOYEES WHO HAD BEEN EXPOSED TO
TITANIUM DIOXIDE WERE AT NO GREATER RISK OF DEVELOPING LUNG CANCER THAN

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SECTION VI - HEALTH HAZARD DATA: (CONT)

WERE EMPLOYEES WHO HAD NOT BEEN EXPOSED TO TITANIUM DIOXIDE.
INHALATION OF AMORPHOUS SILICA MAY CAUSE DRYING OF MUCOUS MEMBRANES AND
IRRITATION OF NOSE, THROAT, AND LUNGS WITH NOSEBLEEDS, COUGH AND DIFFICULTY
BREATHING OR SHORTNESS OF BREATH.

HEALTH HAZARD: SKIN
MAY CAUSE IRRITATION TO SKIN

HEALTH HAZARD: INGESTION
THIS PRODUCT IS NOT EXPECTED TO BE TOXIC BY INGESTION. LARGE QUANTITIES OF
MATERIALS INGESTED MAY CAUSE DISCOMFORT OR OBSTRUCTION OF THE DIGESTIVE
SYSTEMS.

HEALTH HAZARD: EYE CONTACT
CONTACT WITH EYE MAY CAUSE EYE IRRITATION

IS ANY CHEMICAL IN THIS PRODUCT AT A CONCENTRATION OF 0.1 % OR MORE
CLASSIFIED AS A CARCINOGEN BY IARC, NTP, OR OSHA? NO

SIGNS AND SYMPTOMS OF EXPOSURE:

TITANIUM DIOXIDE: MAY CAUSE MECHANICAL EYE IRRITATION. LONG TERM EXPOSURE
TO AIRBORNE DUST MAY CAUSE LUNG DAMAGE.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

TITANIUM DIOXIDE: NONE KNOWN

EMERGENCY FIRST AID: INHALATION
REMOVE TO FRESH AIR. IF NECESSARY, ADMINISTER ARTIFICIAL
RESPIRATION, KEEP VICTIM WARM AND QUIET, GET MEDICAL ATTENTION.

EMERGENCY FIRST AID: SKIN
REMOVE CONTAMINATED CLOTHING AND SHOES IMMEDIATELY. WASH WITH SOAP OR MILD
DETERGENT AND LARGE AMOUNTS OF WATER UNTIL NO EVIDENCE OF CHEMICAL REMAINS

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SECTION VI - HEALTH HAZARD DATA: (CONT)

(AT LEAST 15 - 20 MINUTES). GET MEDICAL ATTENTION IMMEDIATELY.

EMERGENCY FIRST AID: INGESTION
IF VOMITING OCCURS, KEEP HEAD LOWER THAN HIPS TO HELP PREVENT ASPIRATION.
TREAT SYMPTOMATICALLY AND SUPPORTIVELY. GET MEDICAL ATTENTION IF NEEDED.

EMERGENCY FIRST AID: EYE CONTACT
WASH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER OR NORMAL SALINE,
OCCASIONALLY LIFTING UPPER AND LOWER LIDS, UNTIL NO EVIDENCE OF CHEMICAL
REMAINS (AT LEAST 15 - 20 MINUTES). GET MEDICAL ATTENTION IMMEDIATELY.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE:

HANDLING: SPILLAGE
WEARING APPROPRIATE PERSONNEL PROTECTIVE EQUIPMENT, CONTAIN SPILL, COLLECT
IN A SUITABLE CONTAINER.

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

HANDLING: STORAGE
AVOID GENERATING DUST. AVOID CONTACT WITH EYES, SKIN, OR CLOTHING. WASH
THOROUGHLY AFTER HANDLING. STORE IN A DRY WELL VENTILATED AREA. KEEP
CONTAINER TIGHTLY CLOSED.

HANDLING: OTHER PRECAUTIONS
USE UNDER WELL-VENTILATED CONDITIONS AND RECOMMEND THAT EMPLOYEES WASH
THOROUGHLY AFTER HANDLING PRODUCT.

SECTION VIII - CONTROL MEASURES:

CONTROL: RESPIRATORY PROTECTION
USE NIOSH APPROVED RESPIRATORY PROTECTION WHERE EXPOSURE LEVELS EXCEED
REGULATORY LIMITS FOR HAZARDOUS COMPONENTS AND/OR FOR PARTICULATE MATTER.

CONTROL: VENTILATION
LOCAL EXHAUST VENTILATION AS NECESSARY TO CONTROL DUST AS APPLICABLE.

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SECTION VIII - CONTROL MEASURES: (CONT)

CONTROL: GLOVES
GLOVES TO MINIMIZE SKIN CONTACT.

CONTROL: EYE PROTECTION
WEAR SAFETY GLASSES, GOGGLES, OR A SPLASH SHIELD TO PREVENT EYE CONTACT.

CONTROL: OTHER CLOTHING
WEAR LONG SLEEVED SHIRTS AND PANTS TO MINIMIZE SKIN CONTACT.

CONTROL: WORK/HYGIENE
WASH HANDS AND CONTAMINATED SKIN THOROUGHLY AFTER HANDLING. EYE WASH
STATION SHOULD BE AVAILABLE IN THE WORK AREA.

SECTION IX - OTHER REGULATORY INFORMATION:

SARA - THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICAL(S) SUBJECT TO THE
REPORTING OF SECTION 313 OF TITLE III OF THE SUPERFUND
AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:
THIS INFORMATION SHOULD BE INCLUDED IN ALL MSDS'S THAT ARE COPIED
AND DISTRIBUTED FOR THIS MATERIAL.
DOES NOT
CAS # EXCEED(%) DESCRIPTION
NONE

TSCA - ALL INGREDIENTS USED TO PRODUCE THE ABOVE FORMULATION ARE IN
COMPLIANCE WITH THE TOXIC SUBSTANCES AND CONTROL ACT INVENTORY
AS REQUIRED BY FEDERAL LAW.

SECTION X - STATE REGULATORY INFORMATION:

CA PROPOSITION 65: WARNING - ANY COMPONENT OF THIS PRODUCT WHICH CONTAINS
MATERIALS KNOWN TO THE STATE OF CALIFORNIA TO
CAUSE CANCER ARE LISTED BELOW:
NONE

CA PROPOSITION 65: WARNING - ANY COMPONENT OF THIS PRODUCT WHICH CONTAINS

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SECTION X - STATE REGULATORY INFORMATION: (CONT)

MATERIALS KNOWN TO THE STATE OF CALIFORNIA TO
CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM
ARE LISTED BELOW:

NONE

CANADIAN WHMIS: ANY COMPONENT OF THIS PRODUCT WHICH IS A HAZARDOUS CHEMICAL
AS GIVEN IN WHMIS IS SHOWN BELOW:

NONE

FLORIDA: ANY COMPONENT OF THIS PRODUCT WHICH IS A HAZARDOUS CHEMICAL
CHEMICAL AS LISTED IN THE FLORIDA IS SHOWN BELOW:

NONE

MASSACHUSETTS: ANY COMPONENT OF THIS PRODUCT WHICH IS A HAZARDOUS CHEMICAL
CHEMICAL AS LISTED IN THE MASSACHUSETTS SUBSTANCE LIST IS
SHOWN BELOW:

NONE

NEW JERSEY: NON-HAZARDOUS INGREDIENTS ARE BEING WITH HELD AS TRADE SECRET
INFORMATION. ANY COMPONENT OF THIS PRODUCT WHICH IS A
HAZARDOUS CHEMICAL AS LISTED ON THE NEW JERSEY HAZARDOUS LIST
IS GIVEN IN SECTION II OF THIS MSDS. ANY LISTED CHEMICALS NOT
SHOWN IN SECTION II ARE AS FOLLOWS:

NONE

PENNSYLVANIA: NON-HAZARDOUS INGREDIENTS ARE BEING WITH HELD AS TRADE SECRET
INFORMATION. ANY COMPONENT OF THIS PRODUCT WHICH IS A
HAZARDOUS CHEMICAL AS LISTED ON THE PENNSYLVANIA HAZARDOUS
LIST IS GIVEN IN SECTION II OF THIS MSDS. ANY LISTED
CHEMICALS NOT SHOWN IN SECTION II ARE AS FOLLOWS:

NONE

RHODE ISLAND: ANY COMPONENT OF THIS PRODUCT WHICH IS A HAZARDOUS CHEMICAL
CHEMICAL AS LISTED IN THE RHODE ISLAND SUBSTANCE LIST IS
SHOWN IN SECTION II OF THIS MSDS. ANY LISTED CHEMICALS NOT
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NONE

THIS INFORMATION IS ACCURATE AND RELIABLE TO THE BEST OF OUR KNOWLEDGE.

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