

KIT Industries, Inc.

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MATERIAL SAFETY DATA SHEET

EMERGENCY & INFORMATION TELEPHONE NUMBER: (800)526-3186

DATE OF PREPARATION: 03/04/2005

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NUMBER: 9004
PRODUCT NAME: PORC-a-FILLER Porcelain Chip Filler
PRODUCT CLASS: Nitrocellulose Putty

H M I S Information
Health - 2
Flammability - 3
Reactivity - 0

SECTION II - HAZARDOUS INGREDIENTS

This product contains the following toxic chemicals (if they are present they are marked "YES" under the SARA 313 column below) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372. This information must be included in all MSDS's that are copied and distributed for this material.

HAZARDOUS INGREDIENTS	CAS NUMBER	%	SARA 313 LISTED	MFR'S SUGG. T LV	OSHA PEL ppm mg/m3	ACGIH TLV's TWA STEL ppni ppm	LEL	VAPOR PRESS. mmHg
n-BUTYL ACETATE	123-86-4		NO	150	150 --	---	1.7	8
n-BUTYL ALCOHOL	71-36-3	2	YES		100 300	---	1.4	4.3
XYLENE (MIXED ISOMERS)	1330-20-7	9	YES	100	100 --	---	1.0	6
ACETONE	67-64-1	11	YES		750 1800	750 1000	2.6	186
TOLUENE	108-88-3	4	YES	200	200 375	150	1.2	22
ISOPROPYL ALCOHOL	67-63-0	2	YES	400	400 980	500	2.0	43.5
BARIUM SULFATE	7727-43-7	19	YES	10 m	10 m	---	N/A	N/A
TALC (containing to asbestos)	14807-96-6		NO	2 mg	2			
ALUMINUM OXIDE	1344-28-1	5	YES		--	---	N/A	N/A

The remaining (proprietary) ingredients are not found in the most recent MA, NJ, MD, PA or CA Substance Lists, or the Federal Hazardous Substance or EPA Lists. THE FORMULA IN ITS ENTIRETY, IS DEEMED "TRADE SECRET" BY THE COMPANY.

SECTION III - PHYSICAL DATA

BOILING RANGE: 133-284 F
30 VOLATILE VOLUME
WT/G 13.5

VAPOR DENSITY: HEAVIER THAN AIR
EVAPORATION RATE: SLOWER THAN ETHER

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: OSHA: FLAMMABLE LIQUID CLASS IB

FLASH POINT: <65F (18.3 C) - Pensky Martin closed cup method.

LEL: 1.0

DOT CLASSIFICATION: UN 1263

EXTINGUISHING MEDIA: DRY CHEMICAL, CO₂, UNIVERSAL FOAM OR WATER SPRAY (FOG)

UNUSUAL FIRE AND EXPLOSION HAZARDS - When heated above flashpoint, emits flammable vapors which, when mixed with air can burn or be explosive.

SPECIAL FIREFIGHTING PROCEDURES - Use MSHA/NIOSH approved self contained breathing apparatus and full protective gear when fighting fire in confined spaces.

SECTION V - HEALTH HAZARD DATA

PRIMARY ROUTE OF ENTRY: Inhalation

MEDICAL CONDITIONS WHICH MIGHT BE AGGRAVATED: Emphysema, asthma, dermatitis.

OVEREXPOSURE TO VAPOR MAY CAUSE (ACUTE) Dizziness, vomiting, nose bleeds, headache, drowsiness, narcosis, nausea, stupor, mild depression or loss of consciousness; Also, burns and irritation to the eyes, respiratory system and dermatological effects. Ingestion will cause severe irritation to respiratory and gastric tracts.

REPEATED OVEREXPOSURE TO VAPOR MAY CAUSE: (CHRONIC) : Liver, kidney, lung and central nervous system effects.

EMERGENCY AND FIRST AID PROCEDURES - Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Flush eyes immediately with large amounts of water for at least 15 minutes and see physician. Wash affected skin areas with water. Remove contaminated clothing. If ingested, Do NOT induce vomiting. CALL A PHYSICIAN.

SECTION VI - REACTIVITY DATA

STABILITY: Stable CONDITIONS TO AVOID: High heat, sparks, open flame

INCOMPATIBILITY (Materials to avoid): Strong acids, alkalis, oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of nitrogen - carbon dioxide/monoxide

HAZARDOUS POLYMERIZATION: Will Not Occur

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Dike and contain spill with inert material (e.g., sand, earth). Transfer liquid to containers for recovery or disposal; solid diking material to separate containers for disposal. Flush cleaned area with water to a contaminated (chemical) sewer. Thoroughly launder clothing before reuse. Do not take clothing home to be laundered. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

WASTE DISPOSAL METHOD:

Incinerate liquid in approved equipment. Landfill or incinerate contaminated diking material according to local, state and federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

VENTILATION: Use local or central mechanical engineering controls to keep concentration levels below application OSHA PEL or ACGIH's TLV limit. Remove decomposition products formed during welding or flame cutting of surfaces coated with this product. Pockets of heavy and/or flammable vapor must not be permitted to form.

RESPIRATORY PROTECTION:

IN OPEN AREAS: Use approved mechanical filter respirator to remove solid airborne particles.

IN RESTRICTED AREAS: Use NIOSH/MSHA approved chemical/mechanical filter respirators designed to remove particles and vapor or positive pressure air hoods if local mechanical exhaust is not sufficient to keep TLV below levels stated in Section II.

PROTECTIVE GLOVES: Impervious type required for prolonged or repeated contact.

EYE PROTECTION: Use safety goggles or face shields (ANSI Z87.1 or equiv.).

OTHER PROTECTIVE EQUIPMENT: Eye bath, safety shower, aprons.

SECTION IX - SPECIAL PRECAUTIONS

DANGER! FLAMMABLE AVOID PROLONGED BREATHING OF VAPOR OR CONTACT WITH SKIN

HARMFUL IF INHALED KEEP CONTAINER CLOSED

LIQUID MAY CAUSE EYE AND SKIN IRRITATION WASH HANDS THOROUGHLY AFTER USING

KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME OBSERVE ALL LABEL INSTRUCTIONS

USE ONLY WITH ADEQUATE VENTILATION KEEP OUT OF REACH OF CHILDREN

FOR INDUSTRIAL USE ONLY.

DO NOT USE UNTIL MANUFACTURER'S SAFETY PRECAUTIONS HAVE BEEN READ.

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