

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION	
NFPA Rating: Health-2; Flammability-2; Reactivity-0; Special - Manufactured For: K&K CHEMICAL CO. Address: 1303 Industrial Drive Royse City, TX 75189	HMIS Rating: Health-2; Flammability-2; Reactivity-0; Personal Protection-B DOT Hazard Classification: Flammable Liquid 3 Identity (trade name as used on label) IMPERIAL GYM FINISH (K-577)
Date Prepared: 9/26/01 Prepared By: JAM Information Calls: (800)958-6921 EMERGENCY RESPONSE NUMBER: 1(800)424-9300 CHEMTREC	MSDS Number: R890 Revision: 8 NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION					
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
ALIPHATIC PETROLEUM DISTILLATES	8052-41-3	No	N/E	N/E	d
WARNING: This product contains a chemical or chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.					

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS	
Boiling Point: >300°F	Specific Gravity: (H ₂ O=1): 0.82 -0.88
Vapor Pressure: PSIG @ 70 F (Aerosols): N/A	Vapor Pressure (Non-Aerosols): (mm Hg and Temperature): <5@100°F
Vapor Density: (Air = 1): 5.0	Evaporation Rate: (Butyl Acetate = 1): 0.07
Solubility in Water: Negligible	Water Reactive: No
Appearance and Odor: Clear to slightly hazy amber liquid with petroleum odor.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA		
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A	Auto Ignition Temperature: N/D	Flammability Limits in Air by % in Volume: % LEL: 1 % UEL: 6
FLASH POINT AND METHOD USED (non-aerosols): 111°F TCC EXTINGUISHER MEDIA: Water fog, foam, dry chemical or CO ₂ . Do not use a direct water stream.	SPECIAL FIRE FIGHTING PROCEDURES: Use proper protective equipment including NIOSH approved self-contained breathing apparatus. Cool fire-exposed containers, surrounding equipment & structures with water.	
Unusual Fire & Explosion Hazards: Burning product will float on water, possibly spreading fire to new locations.		

SECTION 4 - REACTIVITY HAZARD DATA	
STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
Incompatibility (Mat. to avoid): Oxidizing materials.	Conditions to Avoid: Heat, sparks, open flames.
Hazardous Decomposition Products: Oxides of carbon, traces of cobalt, zinc, lead compounds & unidentified organics.	

SECTION 5 - HEALTH HAZARD DATA	
PRIMARY ROUTES OF ENTRY: <input checked="" type="checkbox"/> INHALATION <input checked="" type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS	
ACUTE EFFECTS: Toxicity. Over-exposure can lead to CNS depression producing headache, dizziness, nausea & loss of consciousness.	
Inhalation: High concentrations or prolonged exposures to lower concentrations may be slightly irritating to mucous membranes. Aspiration of liquid may cause chemical pneumonitis.	
Eye Contact: Liquid or vapor contact may result in eye irritation.	Skin Contact: Prolonged or repeated contact can cause defatting resulting in irritation & dermatitis.
Ingestion: May result in vomiting. Aspiration of vomitus must be avoided. Aspiration of liquid may cause chemical pneumonitis.	
CHRONIC EFFECTS: None known.	
Medical Conditions Generally Aggravated by Exposure: May further aggravate pre-existing irritation on contact.	

EMERGENCY FIRST AID PROCEDURES	
Eye Contact: Flush with water for 15 minutes. If irritation persists, get medical attention.	
Skin Contact: Remove contaminated clothing. Wash with soap and water. If irritation persists, get medical attention.	
Inhalation: Remove to fresh air. Provide oxygen or artificial respiration as needed. Get medical attention.	
Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. If vomiting occurs, keep head below hips to prevent aspiration of liquid into lungs. Get immediate medical attention.	

SECTION 6 - CONTROL AND PROTECTIVE MEASURES	
Respiratory Protection (specify type): None generally needed under normal handling and usage conditions.	
Protective Gloves: Solvent resistant.	Eye Protection: Safety glasses or chemical goggles.
Ventilation Requirements: If natural ventilation is not adequate to maintain concentrations below 100 ppm, use explosion-proof ventilation.	
Other Protective Clothing & Equipment: Eyewash station & safety shower.	
Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash hands after handling.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE	
Steps To Be Taken If Material Is Spilled Or Released: Contain spill. Do not contaminate sewers, surface or ground waters. Soak up spill in inert absorbent material. Place in non-leaking containers. Seal containers & label properly for legal disposal.	
Waste Disposal Methods: Dispose of in accordance with all local, state and federal regulations.	
Precautions To Be Taken In Handling & Storage: Store in original shipping containers. Keep closed when not in use. Shelf life 1 year. Store away from heat, sparks, open flame, oxidizing materials.	
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read & follow label directions. Do not cut, weld or drill on or near full, partial or empty drums.	

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind
 ** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only