SAFETY DATA SHEET
FOR COATINGS, RESINS, AND RELATED MATERIALS
DATE OF PREPARATION - 01-01-2014
Prepared by: Compliance Dept.

SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER: Munro Products
DISTRIBUTOR: 9150 Clarence Center Road
Clarence Center, NY 14032

INFORMATION: 716/741-9450
EMERGENCY: **CHEMTREC® 1-800-424-9300**

PRODUCT CLASS: ACRYLIC RESIN (TRADE SECRET)
TRADE NAME: **BathWorks DIY Refinishing Kit (Part A Base Color)**

CODE: F LINE - LEAD FREE 2000/BASE COLOR (PART A)

SECTION II - HAZARDOUS INGREDIENTS

COMMON NAME	CHEMICAL NAME							CAS #	
	TRANSITIONAL LIMIT					FINAL RULE LIMITS			
WEIGHT %	ACGIH TLV/TWA (PPM)	ACGIH TLV/STEL (PPM)	OSHA PEL/TWA (PPM)	OSHA PEL/STEL (PPM)	OSHA CEILING (PPM)	SKIN DESIG-NATION	LD50 gr/kg	INHALATION LC50 (PPM/hr)	VAPOR PRESSURE (mm Hg@20 C)
(A) XYLENE				DIMETHYL BENZENE				CAS# 1330-20-7	
0-1	100	150	100	150	NE	NO	4.3(2)	5000/4	5.1
METHYL N-AMYL KETONE				2-HEPTANONE				CAS# 110-43-0	
15-19	50	NE	100	NE	NE	NO	1.7(2)	NA	2.14
(A) ETHYLENE GLYCOL MONOETHYL ETHER ACETATE				2-ETHOXYETHANOL ACETATE				CAS# 111-15-9	
13-24	5	NE	100	NE	NE	YES	2.9(2)	NA	2
(A) ETHYLENE GLYCOL MONOETHYL ETHER ACETATE				2-ETHOXYETHANOL ACETATE				CAS# 112-07-2	
3-6	25~	NE	5	NE	NE	YES	2.4(2)	NA	0.29

-As recommended by manufacturer
NA - Not available
NE - Not established
(1) - Acute Oral LD 50 Rabbit
(3) - Dermal LD 50 Rabbit
(A) - SARA 313 REPORTABLE
(B) - Contains a SARA 313 reportable material which may include xylene, toluene, and ethylbenzene. Percent may vary due to the distillation process.
Care should be taken when sanding pigmented paints. Airborne nuisance particles have an ACGIH TLV for total dust of

SECTION III - PHYSICAL DATA

VOL PERCENT VOLATILE - 47-57
SPECIFIC GRAVITY - 1.01-1.33
WEIGHT PER VOL - 8.43-11.13 lbs./gal.
BOILING RANGE - 135-192 C or 278-381 F
VOC OF MATERIAL - 421-508 g/l or 3.51-4.24 lbs./gal
FREEZING POINT - NAP
pH - NAP
EVAPORATION RATE - Slower than Ether
COEFFICIENT OF WATER/OIL NAP
ODOR AND APPEARANCE - Liquid w/Solvent
ODOR THRESHOLD - .05 PPB
PHYSICAL STATE - Viscous Liquid
VAPOR DENSITY - Heavier than Air

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

DANGER! – FLAMMABLE
VAPORS MAY CAUSE FLASH FIRE

Sensitivity to Static Discharge - Grounding/Bonding required
Extinguishing Media - Dry Chemical, Foam or CO2
Flash Point 27 C or 80 F TCC LEL 0.9%
Autoignition Temperature 379 C/715 F UEL 8.5%

UNUSUAL FIRE AND EXPLOSION HAZARDS – Keep away from heat, sparks and flame. Do not smoke. Extinguish all pilot lights and turn off all sources of ignition, including heaters, fans, and other non-explosion proof electrical equipment, during use and until all vapors are gone. Vapors may ignite explosively. Vapors may spread long distances, and beyond closed doors. Prevent build up of vapors by maintaining a continuous flow of fresh air.

SPECIAL FIREFIGHTING PROCEDURES – Self contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode. In case of fire, use CO2, Dry Chemical, Foam or other approved method for treating a Class B fire. Summon professional firefighters. During a fire, toxic gases and smoke are irritants present from decomposition/combustion. Closed container may explode when exposed to extreme heat.

SECTION V - HEALTH HAZARD DATA

ACUTE EFFECTS OF OVEREXPOSURE:

EYES – Corneal burns are possible but damage is usually reversible. Can cause severe irritation, redness, tearing, blurred vision. Can cause severe injury - damage reversible.

INGESTION – HARMFUL IF SWALLOWED . Can cause gastrointestinal irritation, abdominal pain, nausea, vomiting and diarrhea. Small amounts of the liquid aspirated into the respiratory system during ingestion or from vomiting, may cause bronchiopneumonia or pulmonary edema. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal. May cause signs of nervous system depression (e.g., drowsiness, dizziness, loss of coordination, and fatigue.)

INHALATION – Excessive inhalation of vapors can cause nasal and respiratory irritation. Inhalation can cause CNS depression including fatigue, weakness, headache, dizziness, nausea, vomiting, unconsciousness, coma, respiratory failure and death.

SKIN – Can be absorbed in toxic amounts, especially from prolonged or repeated exposure. Prolonged or repeated contact can cause moderate irritation, defatting, and dermatitis. Skin contact of high concentrations of vapor may cause irritation and toxic effects, including CNS depression, lung, liver and kidney injury. Symptoms include headache nausea, vomiting and dizziness. This product has produced fetotoxic and teratogenic effects in laboratory animals when inhaled or absorbed through the skin. Pregnant women should avoid exposure to this product.

CHRONIC EFFECTS OF OVEREXPOSURE:

– Chronic overexposure to iron oxide fumes or dusts has been associated with x-ray changes of the lungs, however, it does not result in illness. Changes are due to a benign lung condition called siderosis or iron pigmentation (applicable to topcoats containing iron oxide pigments).

– Overexposure to this material or its components may cause the following effects in laboratory animals and/or humans: liver abnormalities, kidney damage, lung damage, anemia, eye damage, cardiac abnormality, cardiovascular system damage, blood disorders, menstrual and fertility disorders, testicular damage, birth defects which may include: fetotoxicity, embryotoxicity, infertility and fetal malformations.

NOTICE! Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

PER CALIFORNIA'S PROPOSITION 65 - WARNING: This product contains a chemical known by the state of California to cause cancer, birth defects or reproductive harm.

Product ingredients appear on the following carcinogenic listings: (X) IARC (X) NTP ( ) OSHA ( ) None of the above.

PRIMARY ROUTE(S) OF ENTRY (X) SKIN (X) BREATHING (X) SWALLOWING

FIRST AID

IN CASE OF SKIN CONTACT – Wash area thoroughly with soap and water. Remove soiled clothing. Get medical assistance if irritation persists. Wash clothing before reuse.

IN CASE OF EYE CONTACT – Flush with large amounts of water for at least 15 minutes. Get medical assistance.

IF SWALLOWED – GET MEDICAL ATTENTION IMMEDIATELY. DO NOT induce vomiting. Aspiration of material into lungs can cause chemical pneumonitis which may be fatal.

IF INHALED – If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, summon medical assistance immediately. If breathing ceases, restore using approved CPR techniques and summon medical help immediately.

SECTION VI - REACTIVITY DATA

HAZARDOUS POLYMERIZATION – Will NOT occur STABILITY - Stable

CONDITIONS TO AVOID AND INCOMPATIBILITIES
– Avoid heat, sparks and flame.
– Can react vigorously, even violently, with oxidizing materials.
– Additional incompatible Materials:
– Acids, oxidizing materials, alkalis, nitrates, strong alkalis, hydrazine, calcium hypochlorite, performic acid and bromine pentafluoride.

HAZARDOUS DECOMPOSITION PRODUCTS (Including Thermal Decomposition)
– Carbon dioxide, carbon monoxide, oxides of nitrogen and various hydrocarbons.

SECTION VII - SPILL OR LEAK PROCEDURES

SMALL SPILL – Absorb liquid on inert material such as paper, vermiculite, floor absorbent, and transfer to hood.

LARGE SPILL – Eliminate all ignition sources (flares, flames, including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until cleanup has been completed. Stop spill at source, contain area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be absorbed with inert material such as sand, clay, earth, or floor absorbent, and shoveled into containers with non-sparking tools. Prevent run-off to sewers, streams, or other bodies of water. If run-off occurs, notify the proper authorities as required that a spill has occurred.

WASTE DISPOSAL METHOD – Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers.

SECTION VIII - PROTECTIVE EQUIPMENT

VENTILATION/RESPIRATORY PROTECTION – Use only with adequate ventilation. Maintain continuous flow of fresh air. Do not breathe vapors, spray mists, or sanding dusts. Wear appropriate properly fitted respirator (NIOSH?MSHA approved) during and after application unless air monitoring demonstrates vapor and particulate levels are below applicable limits. Follow respirator manufacturer's directions for respirator use. Engineering or administrative controls should be implemented to reduce exposure. Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

PERSONAL PROTECTIVE EQUIPMENT – Do not get in eyes, on skin, or on clothing. Use solvent resistant safety eyewear with splash guards. Solvent impermeable gloves, clothing, and boots should be worn to prevent skin contact.

SECTION IX - SPECIAL PRECAUTIONS AND ADDITIONAL COMMENTS

Keep container tight and upright to prevent leakage. Keep container closed when not in use. Do not store above 49 C/120 F. Do not transfer contents to bottles or other unlabeled containers. Containers of this material may be hazardous when emptied because they retain product residues (vapor, liquid, and/or solid). When empty, may contain explosive vapors. Do not cut, puncture or weld on or near this container. All hazard precautions given in this data sheet must be observed for empty containers.

IMPORTANT! – This product may be blended with other products prior to use. Read all warnings and precautions on the MSDSs and labels of all products being blended as the combination may contain the hazards of each component.

NON-WARRANTY – Any recommendation of Munro contained herein covering use utilization, chemical or physical properties and other qualities of the products sold is believed reliable; however, Munro makes no warranty or representation with respect thereto. Use of application of any Munro products is at the discretion of the Buyer without liability or obligation whatsoever of Munro.

FOR INDUSTRIAL USE ONLY – This product is for use by professional, trained personnel using proper equipment, and is not intended for sale to, or use by the general public.

SECTION X - SHIPPING DATA

D.O.T. PROPER SHIPPING NAME: Paint
D.O.T. LABEL(S) REQUIRED: Flammable Liquid
D.O.T. HAZARD CLASS: 3, Flammable Liquid
D.O.T. UN/NA ID NUMBER: UN 1263
PACKING GROUP: III

I.M.O. SHIPPING NAME: Paint
I.M.O. CLASS NUMBER: 3
I.M.O. UN NUMBER: UN 1263
I.M.D.G. PAGE NUMBER: 3372

F LINE - LEAD FREE 10-24-85 R. 02-26-86 R.08-19-88 R.08-24-92 R.05-12-93 R.12-09-94

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