Material Safety Data Sheet

0572, 0574 Lighten Up Spackling Compound

MSDS No. 0041 Rev 1

Emergency Phone No.
(918)825-5744

SECTION 1 – PRODUCT NAME & MANUFACTURER INFORMATION

PRODUCT NAME	Lighten Up Spackling Compound
MANUFACTURER'S NAME & TELEPHONE NUMBER	Red Devil, Inc. 918-825-5744
STREET ADDRESS	4175 Webb Street
CITY / STATE / ZIP	Pryor, Oklahoma 74361

SECTION 2 – COMPOSITION / HAZARDOUS INGREDIENTS

	%	TLV	PEL	UNITS
PRODUCT CONSISTS OF:				
Acrylic/Vinyl Acrylic Emulsion Blend (mixture)	< 50	NE	NE	
Soda Lime Borosilicate ** (65997-17-3)	< 15	NE	NE	
Mica ** (12001-26-2) (Wear appropriate dust mask if material sanded)	< 10	3	20	mg/m3
Titanium Dioxide ** (13463-67-7)	< 1	5	10	mg/m3
Calcium Carbonate ** (1317-65-3)	< 10	10	15	mg/m3
Non-hazardous ingredients *	< 20	NA	NA	

*Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). ** Inhalation not likely due to products physical state.
Calculated VOC: < 3%/wt, < 35 g/L. CARB Compliance: Yes. Prop 65 Ingredients: Yes (See Section 16)

SECTION 3 – HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF ENTRY	☒ Skin Contact ☒ Skin Absorption ☒ Eye Contact ☒ Inhalation ☐ Ingestion
EMERGENCY OVERVIEW	Light pink paste. Removal of this product after use may result in the generation of dust. If dry-sanded, exposure to dust may result in material getting into eyes, ears, nose & mouth which may result in irritation.
EFFECTS OF OVEREXPOSURE	May cause eye, skin, nose, throat & respiratory tract irritation. Harmful if swallowed. Inhalation of dust may result in pulmonary & respiratory damages. Prolonged or repeated exposure to dust may cause lung damage. This product may contain small amounts of vinyl acetate, identified by IARC as a potential carcinogen, however there should be minimal risk when used w/ ventilation adequate to keep the atmospheric concentration of vinyl acetate below the recommended exposure limit.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	Asthma & asthma-like conditions may worsen from prolonged or repeated exposure.

SECTION 4 – FIRST AID MEASURES

SKIN CONTACT	Wash w/ soap & water for @ least 15 minutes. Get medical attention if symptoms persist. Remove & wash contaminated clothing.
EYE CONTACT	Immediately flush w/ large quantities of water for @ least 15 minutes until irritation subsides. Get medical attention.
INHALATION	Remove to fresh air. If breathing difficult, leave area to obtain fresh air. If breathing remains difficult, get medical attention.
INGESTION	DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

FLAMABLE	☐ Yes ☒ No		
EXTINGUISHING MEDIA	Carbon Dioxide, Dry Chemical, Foam		
FLASHPOINT (°F) & METHOD	>200F (Closed Cup)	**UPPER EXPLOSIVE LIMIT (% BY VOLUME)**	NE
LOWER EXPLOSIVE LIMIT (% BY VOLUME)	NE	**AUTOIGNITION TEMPERTURE (°F)**	NE
UNUSUAL FIRE & EXPLOSION HAZARDS	None known.		
SPECIAL FIREFIGHTING PROCEDURES	Wear self-contained breathing apparatus pressure demand (NIOSH approved or equivalent) & full protective gear. Use water spray to cool exposed surfaces.		

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PROCEDURES	Wear proper protective equipment (Section 8). Use absorbent material or scrape up dried material & place in approved container.

SECTION 7 – HANDLING & STORAGE

HANDLING PROCEDURES & EQUIPMENT	Keep out of reach of children & pets. Do not take internally. Do not breathe vapors or inhale dusts of this product, if sanded. Avoid contact w/ skin & eyes. Do not get on clothing. Use w/ adequate ventilation. Ensure fresh air during application & drying by opening windows & doors.
STORAGE REQUIREMENTS	Close container after each use. Store containers away from excessive heat & freezing. Do not store @ temperatures above 120F. Store away from caustics & oxidizers.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY	In case of insufficient ventilation, wear suitable respiratory equipment. A NIOSH-approved air purifying respirator w/ organic vapor cartridge may be necessary under circumstances where concentrations are expected to exceed exposure limits. Wear appropriate dust respirator if material is to be dry sanded.
EYEWEAR	Goggles or safety glasses w/ side shields.
CLOTHING / GLOVES	Gloves recommended for prolonged or repeated skin contact.
HYGENIC PRACTICES	Remove & wash contaminated clothing before re-use. Wash hands before breaks & @ end of workday.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Paste	**ODOR & APPEARANCE**	Slight ammonia. Light pink paste.
SPECIFIC GRAVITY	Approximately 0.40 to 0.50	**VAPOR DENSITY (AIR=1)**	Heavier than air
EVAPORATION RATE	NE	**BOILING RANGE (°F)**	NE
pH	8 to 10	**SOLUBILITY IN WATER**	Soluble.
VAPOR PRESSURE (MM Hg)	NE	**%/WT VOLATILE (TNV)**	30 to 40%

SECTION 10 – STABILITY AND REACTIVITY

STABILITY	☒ Yes ☐ No	Stable under normal conditions.
INCOMPATABILITY	☒ Yes ☐ No	Incompatible w/ strong oxidizers & caustics.
CONDITIONS TO AVOID	Excessive heat & freezing.	
HAZARDOUS POLYMERIZATION/HAZARDOUS DECOMPOSITION PRODUCTS	Hazardous polymerization will not occur under normal conditions. Normal decomposition products, ie: COx.	

SECTION 11 – TOXICOLOGICAL INFORMATION / CARCINOGENICITY

ACGIH	Trace residual Formaldehyde present in base emulsion is a suspected human carcinogen. Vinyl acetate present in polymer blend is a confirmed animal carcinogen w/ unknown relevance to humans. Silica, crystalline present in calcium carbonate filler, a suspected human carcinogen.
OSHA	Trace residual Formaldehyde present in base emulsion viewed as a possible cancer hazard.
IARC	Trace residual Formaldehyde: Human carcinogen. Vinyl acetate listed as a possible carcinogen. Silica, crystalline present in calcium carbonate filler, classed as a human carcinogen.
NTP	Trace residual Formaldehyde listed as an anticipated carcinogen. Silica, crystalline present in calcium carbonate filler, classed as a known carcinogen.
DATA WITH POSSIBLE RELEVANCE TO HUMANS	Product may contain trace amounts of vinyl acetate, identified by IARC as a potential carcinogen. There is presently no evidence that it has caused cancer in humans. Product contains trace residual Formaldehyde from base acrylic emulsion, listed by OSHA & NTP as a potential carcinogen.

SECTION 12 – ECOLOGICAL INFORMATION

AQUATIC TOXICITY	Not known or expected w/ normal use.

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	Dispose of material in accordance w/ Federal, State & Local regulations.
EPA WASTE CODE IF DISCARDED (40CFR Sec.261)	None.

SECTION 14 – TRANSPORT INFORMATION

SPECIAL SHIPPING INFORMATION	Product not regulated by DOT. DOT Proper Shipping Name: None. DOT Haz. Class: NA. Packing Group: NA. Haz. Subclass: NA. DOT UN/NA No. NA

SECTION 15 – REGULATORY INFORMATION

CERCLA – SARA HAZARD CATEGORY	Immediate Health Hazard, Chronic Health Hazard.	**U.S. STATE REGS**	See Section 16.
SARA 313	Contains vinyl acetate monomer, subject to the reporting requirements of Section 313.	**TSCA**	All ingredients either on TSCA Inventory or exempt. Product contains nothing subject to TSCA 12(B) if exported from U.S.

SECTION 16 – OTHER INFORMATION / SPECIAL PRECAUTIONS / LEGEND

Prop 65 Ingredients (Known to State of California to cause cancer): Formaldehyde, various monomers used in polymerization of base emulsion & vinyl acetate in vinyl acrylic emulsion blend. NJ Right-to-Know: (Top 5 Ingredients): Base Acrylic Emulsion (mixture), Vinyl Acrylic Emulsion (mixture), Water (7732-18-5), Calcium Carbonate (1317-65-3), Soda Lime Borosilicate (Glass Bubbles) (65997-17-3). Pennsylvania Right-to-Know (Non-Haz @ >3%): Water (7732-18-5). Ingredients Known to State of California to cause birth defects or reproductive harm: None. Canadian WHMIS Class: Not regulated. HMIS Ratings: Health: 1, Flammability: 0, Reactivity: 0. Personal Protection: X.

LEGEND: NA – Not Applicable, NE – Not Established, UN – Unavailable, VOC – Volatile Organic Compound, PEL – Permissible Exposure Limit, TLV – Threshold Limit Value, STEL – Short Term Exposure Limit, MSDS – Material Safety Data Sheet, ACGIH – American Conference of Governmental Industrial Hygienists, SARA – Superfund Amendments & Reauthorization Act of 1986, OSHA – Occupational Safety & Health Administration, HMIS – Hazardous Materials Identification System, NTP – National Toxicology Program, CEIL – Ceiling Exposure Limit, CASRN (CAS Number) – Chemical Abstracts Service Registry Number, TSCA – Toxic Substances Control Act

Reviewed By: Larry G. Brandon (NAME) VP Technology & General Manager (TITLE) November 7, 2008 (DATE)

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