

MULTISPEC®

MATERIAL SAFETY DATA SHEET

MS55 MULTISPEC INDUSTRIAL SPRAY FINISH.

Color Series: 550000 - 559999.

1. MANUFACTURER: Multicolor Specialties, Inc. (MSI)

1532 South 50th Court, Cicero, IL 60804

INFORMATION PHONE: 708/656-5586

CHEMTREC PHONE: 800/424-9300

2. HAZARDOUS INGREDIENTS:

CHEMICAL NAME	CAS	%
a. Butyl Acetate	123-86-4	31%
b. Cellulose Nitrate	9004-70-0	7.0%
c. Butanol	71-36-3	3.0%
d. Xylene	1330-20-7	3.6%

EXPOSURE LIMITS:

a. 100 ppm ACGIH TLV.

b. No available information.

c. 50 ppm ACGIH TLV

d. 100 ppm TWA ACGIH TLV & OSHA PEL

Additional non-hazardous chemicals listed to comply with New Jersey and Pennsylvania states right-to-know standards: Water 7732-18-5, TSRN 00402, TSRN 01298.

3. PHYSICAL CHARACTERISTICS:

APPEARANCE: Multicolor paint particles.

BOILING RANGE: 210 - 396 Deg. F

EVAPORATION RATE: Same or slower than Butyl Acetate.

FREEZING POINT: 32 Deg. F

SOLUBILITY IN WATER: Partially.

WEIGHT PER GALLON: 8.4 lb/gal.

VAPOR DENSITY: Heavier than air.

V.O.C.: Maximum 665 g/l, 5.55 lb/gal (less exempt, regulatory),

Non-photochemically reactive.

V.O.M: 43.64%, 440 g/l (actual).

4. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: 98 Deg. F. LEL: 0.3%. UEL: 11.3%.

EXTINGUISHING MEDIA: Use all purpose ABC or AB extinguisher.

Use water, CO₂, dry chemical, or foam extinguishing media.

SPECIAL FIRE FIGHTING PROCEDURES: Keep containers cool with water to prevent pressure build-up and bursting. Isolate from heat, sparks, electrical equipment, pilot lights, flames, and other sources of ignition. SCBA should be worn to protect firefighters from toxic degradation products.

UNUSUAL FIRE AND EXPLOSION HAZARDS: **Contains nitrocellulose which is extremely flammable even when isolated from air or oxygen.** May become more flammable when material is allowed to dry out. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

5. REACTIVITY DATA: Stable. Avoid strong acids, bases, oxidizers, amines, and water-reactive materials. Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Incineration will produce smoke, carbon monoxide, carbon dioxide, and oxides of nitrogen.

6. HEALTH HAZARD DATA:

H.M.I.S/NFPA. RATING: Health,2; Fire, 3; Reactivity, 1; PPE,G.

ROUTES OF ENTRY: Ingestion, inhalation, and skin.

EFFECTS OF OVEREXPOSURE: With liquid contact, eye irritation or burn may occur. Ingestion of this product may cause nausea, vomiting, and/or diarrhea. Overexposure to vapors could result in eye and upper respiratory tract irritation. Prolonged breathing of vapors may cause nausea, headache, weakness, and/or dizziness. Long-term or chronic

effects may include damage to blood, kidneys, and nervous system.. This product is not regulated as a potential carcinogen by the OSHA Hazard Communication Standard or the Canadian WHMIS legislation.

FIRST AID:

SKIN CONTACT - Remove contaminated clothing. Wash skin thoroughly with soap and water.

EYE CONTACT - Flush immediately with large amounts of water for at least 15 minutes. Take to physician for medical treatment.

INHALATION - If overcome by exposure, remove victim to fresh air.

INGESTION - Induce vomiting. Get immediate medical attention.

7. PRECAUTIONS FOR SAFE HANDLING AND USE: KEEP OUT OF REACH OF CHILDREN. KEEP FROM FREEZING.

Do not breathe vapors or spray mist. Use with adequate ventilation. To avoid breathing vapors or spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying.

Wear respiratory protection (NIOSH/MSHA approved respirator).

Close container after each use. Avoid contact with eyes or skin. Avoid

spontaneous combustion of contaminated rags and other organic materials, Keep them in covered metal containers. Do not evaporate to near dryness in containers, as the risk of explosion is increased.

PERSONAL PROTECTION EQUIPMENT: Wear safety glasses, gloves, and vapor / dust respirator (NIOSH/MSHA approved).

ACCIDENTAL RELEASE MEASURES: Use only non-sparking tools.

Confine in small area. Clean up with approved absorbent materials.

May use water or solvent to flush area or clean.. Place in closed container for disposal.

WASTE DISPOSAL: Dispose in accordance with federal, state and local regulations.

ENVIRONMENTAL HAZARDS: No information available..

8. ADDITIONAL REGULATORY INFORMATION:

CALIFORNIA PROP 65: It has not been feasible to subject all products to the detailed analyses required to determine whether each of the materials known to California to cause cancer or reproductive toxicity is present in detectable quantities. Given this uncertainty, we feel obligated to make the following warning: This product may contain chemical(s) suspected or known to the state of California to cause cancer or reproductive toxicity.

DSL/NDSL: All ingredients are listed on the Canadian DSL.

SARA TITLE III, SECTION 311/312: Fire, Health immediate (acute).

SARA TITLE III, SECTION 313: This product contains the following toxic chemicals that are subject to the reporting requirements of the EPCRA Section 313: Butanol 71-36-3 3.0% wt, Xylene 1330-20-7 3.6% wt.

TRANSPORTATION: Paint, UN1263, Class 3, PKG II.

TSCA: All product ingredients are either listed on the TSCA Chemical Substances Inventory or are not required to be listed therein.

The information contained herein has been checked and is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.

Revision: 04/11/03

Replaces: 02/01