



MATERIAL SAFETY DATA SHEET

1. COMPANY AND PRODUCT IDENTIFICATION

DUNCAN ENTERPRISES
5673 East Shields Avenue
Fresno, CA 93727
559-291-4444
559-291-9444 (Fax)

EMERGENCY TELEPHONE NUMBERS

Health Emergency: 559-291-4444 7:00 am – 3:30 pm
Pacific Standard Time
Spill and Off-Hour
Health Emergencies: 800-424-9300 U.S. and Canada
703-527-3887 Outside U.S. and
Canada (Collect)

Product Name: SY548 MASK & PEEL and SY555 WRITE & PEEL
Product Description: Natural Latex Resist

2. COMPOSITION / INFORMATION ON INGREDIENTS

The ingredients in this formulation are a trade secret. All ingredients in the formula are non-hazardous, unless specified in Sections 3 and 15.

3. HAZARDS IDENTIFICATION

HMIS Hazard Ratings for Product

Health: 2 0 = Minimal
Flammability: 0 1 = Slight
Reactivity: 0 2 = Moderate
Personal Protection: See Section 8 3 = Serious
4 = Severe
* = Chronic Effects

Hazardous Ingredients	CAS Number	OSHA		ACGIH	
		TWA	STEL	TWA	STEL
Ammonia * Cal OSHA PEL 25 ppm	7664-41-7	N/E	35 ppm*	25 ppm	35 ppm

Emergency Overview

Water based liquid with ammonia odor. Although not combustible, this liquid will burn if involved in a fire, releasing hydrocarbon products of combustion. Inhalation of ammonia may cause respiratory tract irritation, coughing, sore throat, and labored breathing. Skin contact may cause irritation and redness.

This product contains natural latex. Persons allergic to natural latex should not use or be otherwise exposed to this product.

4. FIRST AID MEASURES

Eye Contact: Flush eyes with large amounts of water until irritation subsides. Consult a physician if irritation persists.
Skin Contact: Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.
Inhalation: Move subject to fresh air, get medical attention.
Ingestion: If swallowed, give two glasses of water to drink. Consult a physician. Never give anything by mouth to an unconscious person.

Duncan Enterprises Material Safety Data Sheet – Specialty SY548 and SY555

5. FIRE FIGHTING MEASURES

Autoignition Temperature:	Unknown
Flash Point:	Not Determined
Flammable limits in air:	None
Extinguisher Media:	Water, CO ₂ or Dry Chemical for dried film
Special Firefighting Procedures:	Wear self-contained breathing apparatus approved by NIOSH. Use water spray to keep containers cool, to keep spillage away from fire and heat, and to knock down vapors.
Fire & Explosion Hazards:	Burning dry latex produces dense, black smoke with the potential for toxic vapors.
Hazardous Combustion Products:	Combustion may produce toxic gases such as oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures

Confine spill to prevent contamination of sewer system or groundwater. Absorb liquid onto an appropriate absorbent. Spillage will cause slippery conditions. This material contains hazardous ingredients. Local, state, and federal regulations must be consulted to determine correct disposal method.

7. HANDLING AND STORAGE

Storage Temperature:	Avoid temperature extremes; keep from freezing
Handling / Storage:	Keep container sealed when not in use; mixing without introduction of air may be necessary before use.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

When permissible exposure limits (PEL) are exceeded, use mask supplied with external air or other NIOSH – approved respiratory protection.

Vinyl or rubber gloves

Chemical safety goggles

Safety shower and eye wash stations in work area

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / Physical Description:	Colored liquid; ammonia odor
pH:	8 - 10
Boiling Point:	212°F
Melting / Freezing Point:	32°F
Solubility in Water:	Miscible
Specific Gravity (Water = 1):	0.9 – 1.0
Bulk Density:	7.5 – 8.3 lb / gal
Volatiles:	> 40%
Evaporation Rate (Water = 1):	1
Vapor Pressure:	17.5 mm Hg @ 20°C (68°F)

Duncan Enterprises Material Safety Data Sheet – Specialty SY548 and SY555

10. STABILITY AND REACTIVITY

Stability:	Stable
Incompatibilities:	Solvents, acids, metal salts and other compounds which may coagulate latex; keep from freezing
Hazardous Decomposition Products:	Thermal decomposition may produce toxic gases
Hazardous Polymerization:	Will not occur.

11. TOXICOLOGICAL INFORMATION

Potential Health Effects

Acute: The main hazard arises from inhalation of ammonia, which can be released, on standing in an open container or on agitation. The ammonia arises from normal breakdown of ammonium hydroxide, which is used to stabilize natural latex. Inhalation of ammonia may cause irritation to the respiratory tract. Symptoms may include coughing, sore throat, and labored breathing. High concentrations may cause laryngitis, tracheitis, pulmonary edema, chest pains, or pneumonitis. Symptoms are generally reversible.

Due to the caustic content of the mixture, eye contact may cause irritation with discomfort, tearing, or blurred vision. Skin contact may cause temporary irritation and redness. No information on effects of ingestion could be found, but some gastrointestinal distress would be expected. This mixture contains materials, which in their pure state constitute a dust hazard. In the present form they will not dust.

Chronic: Contains < 0.1% Sodium o-phenylphenate which is listed as a potential carcinogen by IARC. It has been shown to cause bladder tumors when fed at exaggerated doses to rats.

12. ECOLOGICAL INFORMATION

No Applicable Data

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:	Waste disposal should be in accordance with existing Federal, State, and Local environmental regulations.
Empty Container Warnings:	Empty containers may contain product residue; follow MSDS and label warnings even after they have been emptied.

14. TRANSPORT INFORMATION

U.S. Department of Transportation Information

DOT Shipping Name:	Paints or Stains 149980 Sub. 2
DOT Hazard Class:	Non-hazardous
DOT Reportable Quantity:	None

United Nations Information

U.N. Number:	None
U.N. Class:	None

Duncan Enterprises Material Safety Data Sheet – Specialty SY548 and SY555

15. REGULATORY INFORMATION

TSCA: All components are on the TSCA Inventory
FDA: 21CFR175.105
SARA/Title III: 311/312 Hazard Categories: Immediate health hazard
313: The following are toxic chemicals subject to SARA Section 313
(40 CFR 372) Reporting Requirements:
Ammonia CAS # 7664-41-7 Below De Minimis Concentration

California Proposition 65: This product contains trace amounts of materials cited in California's 1986 Safe Drinking Water and Toxic Enforcement Act:

Chromium	< 0.052 ppm
Lead	< 0.037 ppm
Cadmium	< 0.317 ppm
Sodium o-phenylphenate	205 ppm



Products bearing the Nontoxic Product Seal are certified in a program of toxicological evaluation by a nationally recognized toxicologist to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. These products are certified to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236. In addition, there is no physical hazard as defined within 29 CFR Part 1910.1200(c).

16. OTHER INFORMATION

Table of Abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
ANSI	American National Standards Institute
ASTM	American Society for Testing Materials
°C	Degrees Centigrade
CAS	Chemical Abstract Service
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFR	Code of Federal Regulations
CPR	Controlled Products Regulations
DOT	Department of Transportation
EPA	Environmental Protection Agency
°F	Degrees Fahrenheit
FDA	Food & Drug Administration
g / l	Grams per liter
Hg	Mercury
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
LD	Lethal Dose
mg / kg	Milligram per kilogram
mm	Millimeter
MSDS	Material Safety Data Sheet
MSHA	Mine Safety and Health Administration
N / A	Not Applicable
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health

Duncan Enterprises Material Safety Data Sheet – Specialty SY548 and SY555

16. OTHER INFORMATION (Continued)

Table of Abbreviations (Continued)

NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
ppm	Parts per million
SARA	Superfund Amendment and Reauthorization Act
STEL	Short-Term Exposure Limit
TSCA	Toxic Substances Control Act
TWA	Time - Weighted Average
U.N.	United Nations
WHMIS	Workplace Hazardous Materials Information System
>	Greater Than
<	Less Than

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Disclaimer

The information given and the recommendations made herein apply to our product(s) alone and not combined with any other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.