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
- Flammability: 0
- Reactivity: 0
- Personal Protection: See Section 8

Hazardous Ingredients
- Ammonia: CAS Number 7664-41-7, OSHA TWA, STEL: 35 ppm*, ACGIH TWA: 25 ppm, STEL: 35 ppm

* Cal OSHA PEL 25 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.
5. FIRE FIGHTING MEASURES

Autoignition Temperature: Unknown
Flash Point: Not Determined
Flammable limits in air: None
Extinguisher Media: Water, CO2 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
Volatile: > 40%
Evaporation Rate (Water = 1): 1
Vapor Pressure: 17.5 mm Hg @ 20°C (68°F)
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
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
NTP National Toxicology Program
## 16. OTHER INFORMATION (Continued)

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>OSHA</td>
<td>Occupational Safety and Health Administration</td>
</tr>
<tr>
<td>ppm</td>
<td>Parts per million</td>
</tr>
<tr>
<td>SARA</td>
<td>Superfund Amendment and Reauthorization Act</td>
</tr>
<tr>
<td>STEL</td>
<td>Short-Term Exposure Limit</td>
</tr>
<tr>
<td>TSCA</td>
<td>Toxic Substances Control Act</td>
</tr>
<tr>
<td>TWA</td>
<td>Time - Weighted Average</td>
</tr>
<tr>
<td>U.N.</td>
<td>United Nations</td>
</tr>
<tr>
<td>WHMIS</td>
<td>Workplace Hazardous Materials Information System</td>
</tr>
<tr>
<td>&gt;</td>
<td>Greater Than</td>
</tr>
<tr>
<td>&lt;</td>
<td>Less Than</td>
</tr>
</tbody>
</table>

**Creation Date:** 09/96  
**Revision Date:** 06/24/05  
**Technical Contact:** Frank Peters  
Craft Paint Development Manager  
Duncan Enterprises  
5673 East Shields Avenue  
Fresno, CA 93727  
559-291-4444  
559-291-9444 (Fax)

**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.