

MATERIAL SAFETY DATA SHEET

Elgen Manufacturing Company INC.

10 Railroad Ave Closter, NJ 07624

(800)503-9805

ISSUE DATE: 6/10/2009

EMERGENCY PHONE NUMBER: INFOTRAC (800) 535-5053

I. Product

PRODUCT NAME	ELGEN Super DE-GALV
CLASS	Sealant
HMIS RATINGS	Health: 2
FLAMMABILITY	4
REACTIVITY	0

II. Physical Data

ODOR	Mild oil
ODOR THRESHOLD	N.D.
VAPOR DENSITY	Heavier than air
BOILING RANGE	-44 to 480 °F
APPEARANCE	Red liquid
SOLUBILITY IN WATER	Negligible
FREEZE POINT	N.D.
VAPOR PRESSURE	N.D.
PHYSICAL STATE	Liquid
COEFFICIENT OF WATER/OIL DISTRIBUTION	N.D.
EVAPORATION RATE	Faster than butyl acetate
SPECIFIC GRAVITY	0.8886
pH @ D.O %	N.D.
VISCOSITY	N.D.
VOLATILE BY WEIGHT	14.9%
VOLATILE BY VOLUME	23.4%
VOC CONTENT	14.9% by weight 119 grams/liter (total Product) 0.12 LBS/Can

III. Hazardous Ingredients

MATERIAL:	CAS NUMBER	Wt %
NAPHTHENIC OIL MIST (FROM HEAT/SPRAY)	64742-46-7	90
PROPANE	74-98-6	15

IV. Health Hazard Data

Keep from reach of children. Do not puncture, incinerate, or place aerosol product containers in compactors. Containers of this material may be hazardous when emptied since containers retain product residues (vapor, liquid, and/or solid). All hazard precautions given must be observed. Do not flame cut, braze or use welding torch. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

EYE: Can cause severe irritation, redness, tearing, blurred vision.

SKIN: Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.

INHALATION: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation.

ORAL: May cause vomiting.

NFPA HAZARD CODES: Health: 2, Flammability: 4, Reactivity: 0

V. Fire and Explosion Hazard Data

SUITABLE EXTINGUISHING MEDIA: CO₂, Dry Chemical, Foam, Water, Fog.

LOWER EXPLOSIVE LIMIT: 2.2 %

UPPER EXPLOSIVE LIMIT: 9.5 %

FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode when fighting fires. Keep fire exposed containers cool with water fog.

FLASH POINT (SETAFLASH): -156°F.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are heavier than air and travel along the ground or may be moved by ventilation and ignited by ignition sources at locations distant from material handling point. For aerosol products - exposure to temperatures over 130°F may cause containers to burst releasing highly flammable gas.

VI. Spill or Leak Procedures

STEPS TO BE TAKEN IN CASE MATERIAL RELEASED OR SPILLED: Eliminate sources of ignition and ventilate area. Persons not properly equipped should be excluded from area. Stop spill at source - prevent spreading. Avoid inhalation of vapors. Avoid skin contact with liquid. Soak up on absorbent material and place into proper container for disposal. Use non-sparking scoops for flammable materials. Clean walking surfaces thoroughly to reduce slipping hazard.

VII. Special Protection

ENGINEERING CONTROLS: Provide sufficient mechanical ventilation (general and/or local exhaust) ventilation to maintain exposure below TLV(s)

RESPIRATORY PROTECTION: If workplace exposure limit of product or any component is exceeded, use NIOSH/MSHA approved respirator. Consult your safety equipment supplier for recommendations.

OTHER PROTECTIVE EQUIPMENT: Wear impervious clothing if bodily exposure is anticipated. Consult your safety supply vendor for recommendations

EYE PROTECTION: Wear safety glasses at minimum, more extensive protection may be necessary depending on how the product is to be used.

SKIN AND BODY PROTECTION: Wear impervious gloves if method of use involves skin contact with product. Consult your safety supply vendor for glove recommendations.

RESPIRATORY PROTECTION: Avoid breathing of vapors. Wear appropriate, properly fitted NIOSH/MSHA approved respirator when the airborne contaminant levels exceed the exposure limits indicated on the MSDS. Follow respirator manufacturer's directions for respirator use.

HYGIENE PRACTICES: Wash hands before eating or smoking. Smoke in designated areas only. Remove and launder clothing if contaminated.

VIII. Emergency and First Aid Procedures

INHALATION	Remove to fresh air. If breathing is difficult, administer oxygen. Give artificial respiration if breathing has stopped. Keep person warm and quiet. Get medical attention.
SKIN CONTACT	Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before Re-use. Get medical attention if

	irritation persists.
EYE CONTACT	Flush with large amounts of water, lifting upper and lower lids occasionally, get medical attention.
INGESTION	Do not induce vomiting. Give two glasses of water if conscious. Never give anything by mouth to an unconscious person. Get immediate medical attention.

IX. Carcinogenic Assessment

US FEDERAL REGULATIONS:

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910-1200)

SARA 302 EXTREMELY HAZARDOUS SUBSTANCES: None

SARA 311/312 HAZARD CATEGORIES:

Immediate: Yes
 Delayed: No
 Fire: Yes
 Pressure: Yes
 Reactive: No

Section 313: This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act:

None

X. Special Precaution

HANDLING: Containers of this material may be hazardous when emptied, since containers retain product residues (vapor, liquid, and /or solid). All hazard precautions given must be observed. Do not flame cut, braze or use welding torch on containers. Intentional misuse by deliberately concentrating and inhaling the vapors from this product may be harmful or fatal.

STORAGE: Do not store above 120°F. Do not store in direct sunlight. Keep away from heat sources, open flame, pilot lights, sparks, and other sources of ignition. Do not store in direct sunlight.

XI. Reactivity Data

CONDITIONS TO AVOID: Heat, sparks, welding arcs, open flame, pilot lights, static electricity or other source of ignition.

STABILITY: This product is stable under normal storage conditions.

INCOMPATIBILITY: Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide, various hydrocarbons, aldehydes

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

All the information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Elgen Manufacturing be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Elgen Manufacturing has been advised of the possibility of such damages.