HEALTH	**2**
FLAMMABILITY	**4**
REACTIVITY	**1**

SAFETY DATA SHEET

Prepared by Duro Dyne December 4, 2013

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade name: DURO DYNE WEB AEROSOL SPRAY ADHESIVE
Product Identifier: ASA-W
Item #: 5015
Supplier Details: DURO DYNE CORPORATION
81 Spence Street
Bay Shore, NY 11706
Information
Phone No: 800-899-3876
Emergency
Phone No: 800-424-9300 (**CHEMTREC**)

2. HAZARDS IDENTIFICATIONS

Emergency Overview: 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.

Effects of Overexposure:
Eye Contact: Can cause severe irritation, redness, tearing, blurred vision.

Skin Contact: 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. Overexposure may cause damage to the nervous system.

Effects of Overexposure- Ingestion: No Information.

Effects of Overexposure- Chronic Hazards:
Overexposure to this material (or its components) has apparently been found to cause the following effects in laboratory animals: kidney damage, eye damage, liver damage, lung damage, nasal damage, nervous system damage, testis damage. Overexposure to this material (or its components) has apparently been found to cause the following effects in humans: visual impairment, central nervous system effects.

Primary Route(s) of Entry: Skin contact, skin absorption, inhalation, eye contact.

3. COMPOSITION/INFORMATION ON INGREDIENTS

				ACGIH		OSHA	COMPANY	
ITEM	**CHEMICAL NAME**	**CAS NUMBER**	**WT/WT % LESS THAN**	**TLV TWA**	**TLV STEL**	**PEL TWA**	**PEL CEILING**	**TLV TWA**	**SKIN**
01	ACETONE	67-64-1	25.0%	500ppm	750ppm	1000ppm	N.E.	N.E.	No
02	HEXANE	110-54-3	25.0%	50ppm	N.E.	500ppm	N.E	N.E.	No
03	PROPANE	74-98-6	25.0%	2500ppm	N.E.	1000ppm	N.E	N.E.	No
04	DIMETHYL ETHER	115-10-6	15.0%	N.E.	N.E.	N.E.	N.E.	1000ppm	No

(See Section 16 for abbreviation legend)

4. FIRST-AID MEASURES

Eye Contact: Flush with large amounts of water, lifting upper and lower lids occasionally, 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. Mineral oil, baby oil, makeup remover, mineral spirits, or other similar mild solvent may be used to remove the sticky residue left by the adhesive.

Inhalation: Remove individual to fresh air. If breathing is difficult, administer oxygen. Give artificial respiration if breathing has stopped. Keep person warm and quiet. 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.

5. FIRE FIGHTING MEASURES

Flash Point (Pensky-Martens C.C.):	-156ºF
Lower Explosive Limit:	1.0%
Upper Explosive Limit:	18.0%
Autoignition Temperature:	N.D.
Extinguishing Media:	CO_2, dry chemical, foam, water fog

Unusual Fire and Explosion Hazards: Vapors are heavier than air and travel along the ground or may be moved by ventilation and ignition sources at locations distant from the material handling point. For aerosol products-expose to temperatures over 130ºF may cause containers to burst releasing highly flammable gas.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus with a full-face piece operated in pressure-demand or other positive pressure mode when fighting fires. Keep fire exposed containers cool with water fog.

6. ACCIDENTAL RELEASE MEASURE

Spill Response: 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.

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Provide sufficient mechanical ventilation (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

Respiratory Protection: If work place exposure limits of product or any component is exceeded, use a NIOSH/MSHA approved respirator. Consult your safety equipment supplier for recommendations.

Skin Protection: Wear impervious gloves if method of use involves skin contact with product. Consult your safety supply vendor for glove recommendations.

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

Other Protective Equipment: Wear impervious clothing if bodily exposure is anticipated. Consult your safety supply vendor for recommendations.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Range: -44 –500ºF.
Odor: Mint when wet.
Appearance: White liquid.
Solubility in H_2O: Negligible.
Freeze Point: N.D.
Vapor Pressure: N.D.
Physical State: Liquid
Coefficient of Water/Oil Distribution: N.D.
Vapor Density: Is heavier than air.
Odor Threshold: N.D.

Evaporation Rate: Is faster than Butyl Acetate.
Specific Gravity: 0.7025
PH @ 0.0%: N.A.
Viscosity: N.D.
(See Section 16 for abbreviation legend)

10. STABILITY AND REACTIVITY

Conditions to Avoid: Heat, sparks, welding arcs, open flame, pilot lights, static electricity or other source of ignition.
Incompatibility: Oxidizing agents, acids, reducing agents, strong oxidizers.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide, various hydrocarbons, nitrogen oxide, nitrogen
peroxide, aldehydes, carboxylic acids.

Hazardous Polymerization Conditions: Will not occur under normal conditions.

Stability: This product is stable under normal storage conditions.

11. TOXICOLOGICAL INFORMATION

No product or component toxicological information is available.

12. ECOLOGICAL INFORMATION

No information.

13. DISPOSAL CONSIDERATIONS

Disposal Method: Dispose of in accordance with all local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT Proper Shipping Name:	Aerosols
DOT Technical Name:	N.A.
DOT Hazard Class:	2.1
Hazard Subclass:	None.
DOT UN/NA Number:	UN1950
Packing Group:	None.
Resp:	Guide Page 126
Additional Information:	For domestic ground and air shipment this product may be shipped as a Consumer Commodity ORM-D or as a Limited Quantity. Outer cartons must have the ORM-D designation or Limited Quantity diamond. DOT is transitioning from Consumer Commodity ORM-D marking to the new Limited Quantity diamond, which affords many of the same benefits as Consumer Commodity ORM-D. (Our original

cartons are currently preprinted with the ORM-D designation for ground shipment, but we are transitioning to the ground version of the Limited Quantity diamond the second quarter of 2012.)

15. REAGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS-

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

CERLA-SARA Hazard Category: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD, PRESSURIZED GAS HAZARD

SARA Section 313: This product contains the following substances subject to the reporting requirements of Section 313 of the Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

Chemical Name: Hexane
CAS Number: 110-54-3
WT/WT % is less than: 25.0%

Toxic Substances Control Act: This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:
Chemical Name: No information is available.
CAS Number: No information is available.

INTERNATIONAL REGULATIONS: AS FOLLOWS-

Canadian WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for the 16 headings.

Canadian WHMIS Regulations: No information available.

TSCA Inventory: All components of this product are on the US TSCA inventory. Hexane is a mixture of n-hexane and other compounds all falling under the general chemical name light hydrotreated distillate CAS-68410-97-9. The n-hexane content of our hexane is 60-70%. On June 30, 1993 the OSHA Z-1-A table was revoked and OSHA reverted back to their prior exposure limits. The values on this MSDS reflect the roll back to the prior values. Some states may continue to enforce the 1993 limits. On June 16, 1995 EPA announced in a final rule that the acetone would no longer be considered a VOC for air attainment standards (It is now an exempt compound). The VOC calculations on this MSDS are based on acetone being an exempt compound. The June 16 rule also removed acetone from the list of SARA 313 reportable chemicals.

16. OTHER INFORMATION

Hazard Rating:	Health: 2	Flammability: 4	Reactivity: 1

Date SDS Prepared: June 29, 2012

Volatile by Weight: 54.1%

VOC Content: 378 grams/liter total product
476 grams/liter less water and exempt
0.41 lbs/can

Legend: N.A – Not Applicable
N.E. – Not Established
N.D.- Not Determined